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13. INSECTA

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FOREWORD

The attention of readers is directed to the fact that the systematic part of the Record is reserved only for information of purely taxonomic value. References to data on morphology, physiology, bionomics, ecology, distribution and other general problems must be looked for in the Subject Index, where they are arranged by orders under each heading. It is hoped that the classification of headings in the Subject Index will make the information more complete and readily available and render the Record of more value for entomologists working on general problems, without affecting its importance for taxonomists.

Entomological papers written entirely from an economic point of view are omitted, but abstracts of these will be found in the *Review of Applied Entomology*.

Very brief papers, usually those dealing with a single species, are noticed either in the Subject Index or in the systematic part, but do not appear in the list of titles.

The writers of systematic papers are requested to mark new synonyms with the words (*n. syn.*), as otherwise it is impossible to ensure that they will be correctly recorded.

Where no date is given against an entry, the year of publication is that to which this volume of *Insecta* refers. A date given without brackets refers to the year of publication of the entry. A date given in round brackets refers to the volume year of the publication concerned, the year of actual publication of the entry (unless otherwise indicated) being that to which this volume of *Insecta* refers. A date given in square brackets refers to the year that has been ascertained to be that in which the entry was in fact published.

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Opinion **589.** *Beraea* Stephens, 1833 (Insecta, Trichoptera); designation under the Plenary Powers of a type-species in harmony with current usage. Bull. zool. Nom., London **18:** 105–108.

Opinion **590.** *Aphrophora* Germar, 1821 (Insecta, Hemiptera); designation under the Plenary Powers of a type-species in harmony with accustomed usage. Bull. zool. Nom., London **18:** 109–111.

Opinion **594.** *Saccharivora* (*Phalaena*) Peterkin, 1790 (Insecta, Lepidoptera); suppressed under the Plenary Powers. Bull. zool. Nom., London **18:** 123–124.

Opinion **596.** *Chaetopteryx* Stephens, 1829 (Insecta, Trichoptera); added to the Official List of Generic Names in Zoology. Bull. zool. Nom., London **18:** 127–128.

Opinion **597.** *Prothechus* Rondani, 1856, and *Alloneura* Rondani, 1856 (Insecta, Diptera); suppressed under the Plenary Powers. Bull. zool. Nom., London **18:** 230–235.

Opinion **598.** *Hansenia* Kirkaldy, 1902 (Insecta, Hemiptera); added to the Official List. Bull. zool. Nom., London **18:** 236–237.

Opinion **599.** *Bolitochara* Mannerheim, 1831 (Insecta, Coleoptera): designation of a type-species under the Plenary Powers. Bull. zool. Nom., London **18:** 238–240.

Opinion **600.** *Ischnopoda* Stephens, 1835, and *Tachyusa* Erichson, 1837 (Insecta, Coleoptera); designations of type-species under the Plenary Powers. Bull. zool. Nom., London **18:** 241–243.

Opinion **602.** *Delphax* Fabricius, 1798 (Insecta-Hemiptera); interpretation under the Plenary Powers. Bull. zool. Nom., London **18:** 246–248.

Opinion **603.** *Macropsis* Lewis, 1834 (Insecta, Hemiptera); designation of a type-species under the Plenary Powers. Bull. zool. Nom., London **18:** 249–251.

Opinion **604.** *Korynetes* Herbst, (1792), and *Necrobia* Olivier, 1795; added to the Official List (Insecta, Coleoptera). Bull. zool. Nom., London **18:** 252–253.

Opinion **605.** *Promecopsis* Duméril, 1806 (Insecta, Hemiptera); suppressed under the Plenary Powers. Bull. zool. Nom., London **18:** 254–257.

Opinion **609.** *Longicorne* (*Acrydium*) Latreille, 1804 (Insecta, Orthoptera); suppressed under the Plenary Powers. Bull. zool. Nom., London **18:** 265–266.

Opinion **610.** Drepanididae and Drepanidae (Aves and Insecta); addition to the Official List. Bull. zool. Nom., London **18:** 267–269.

Opinion **616.** *Tanytarsus* van der Wulp, 1874 (Insecta, Diptera); designation of a type-species under the Plenary Powers. Bull. zool. Nom., London **18:** 361–362.

Opinion **618.** *Dytiscus cinereus* Linnaeus, 1758 (Insecta, Coleoptera); designation of a neotype under the Plenary Powers. Bull. zool. Nom., London **18:** 365–368, pl. 5.

Opinion **619.** *Acilius* Leach, 1817 (Insecta, Coleoptera); preservation by use of the Plenary Powers to vary the ruling given in Opinion 522. Bull. zool. Nom., London **18:** 369–371.

2.—Abbassian-Lintzen, R. Tabanidae (Diptera) of Iran. VI. Records of horseflies from southeast Iran (Iranian Baluchistan and the Jiroft area). Description of *Tabanus kermani* n. sp. and *Tabanus leclercqi* n. sp. Bull. Soc. Path. exot., Paris **54:** 128–147, 1 pl., 3 figs.

3.—Abdullah, M. A revision of the genus *Leptoremus* (Coleoptera: Pedilidae). Ann. ent. Soc. Amer., Baltimore **54:** 73–75, 8 figs., 1 map.

4.—Abdullah, M. A revisional study of some Australian species of *Egestria* (Pedilidae). Coleopt. Bull., Washington **15:** 27–30, 13 figs.

5.—Abdullah, M. Systematics of *Duboisius*, a new genus of Pedilid beetles (Pedilidae). Coleopt. Bull., Washington **15:** 97–104, 32 figs.

6.—Abdullah, M. Behavioural effects of temperature on insects. Ohio J. Sci., Columbus **61:** 212–219.

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8.—Abrahamson, S. Chromosome rearrangements induced by X-rays in immature germ cells of *Drosophila*. Nature, London **191:** 523–524. [Dipt.]

9.—Abreu, M. M. M. de Araújo. Subsídio para o conhecimento da fauna simulídica angolana (Diptera: Simuliidae). Descrição duma espécie nova. An. Inst. Med. trop., Lisbon **17** 1960: 697–704, 2 figs.

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ater, on stored products, **1315**; HURPIN, *Aphodius*, *Geotrupes* spp., coprophagous larvae, **1573**; LANDIN, dung-beetles (Lamellic.), on dung substratum independent of the kind of dropping; adult feeding exclusively on fluid contents, larva on coarse particles (according to structure of mouth-parts); competition for food in a dung heap individual, not interspecific, **1943**; RIKHTER, Cleridae, predacious, parasitic, necrophagous, **2914**; SHAROVA, Carabidae, esp. soil-dwelling larvae, types of food & food-finding, **3135**; SONLEITNER, *Tribolium castaneum* (Tenebr.), egg cannibalism a specific behavioral trait & not due to accidental egg-eating; rate increased by increase in egg density & conditioning of medium, ♀♀ having higher cannibalism rates, **3220**.

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Hemiptera.—GYLLENSVÄRD, *Adelphocoris annulicornis innotatus, Psallus albicinctus, masseei* (Mirid.), new to Sweden, Opusc. ent. **26**: 255–256; HEIE, Aphididae, Denmark, list, **1428**; LINNAVUORI, some Heteroptera, new to Finland, **2077**; OSSIANNILSSON, Sweden, additions to fauna, *Mocydiopsis attennatus* (Cicadell.), deleted from list, **2610**.

Ephemeroptera.—JENSEN, *Ephemerella notata, Caenis undosa, Heptagenia longicauda*, first records from Denmark, **1671**.

Odonata.—SPURIS, Lithuania, records, spp. new to fauna, **3253.**

Collembola.—GISIN, spp. new to Faroe Is., **1227;** JOOSSE-VAN DAMME & NAAKTGEBOREN, some Collemb., new to Holland, **1694.**

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Insecta.—KEVAN, Orthoptera, Dermaptera, Embioptera, distribution, **1795;** RICHARDS, *Rhopalopyx monticola* (Hem., Cicadell.), *Apion dentirostre* (Col., Curc.), *Sarcophaga soror* (Dipt., Sarcoph.), *Dicranomyia stylifera* (Dipt., Tipul.), new to Eire, **2902.**

Coleoptera.—CLARIDGE & STADDON, *Stenomis canaliculata* (Elmid.), new to fauna, **632;** PELHAM-CLINTON, *Mycetoporus hellieseni* (Staph.), new to fauna, Ent. mon. Mag. **96** (1960) [1961]: 221–222, 6 figs.; STEEL, *Tachinus flavolimbatus* (Staph.), new to fauna, **3280.**

Hymenoptera.—ASKEW, *Mesopolobus* spp. (Pterom.), key, **127;** Chalcidoids associated with oak galls, key to famm. & spp., **128;** BENSON, *Pachynematus arcticus* (Tenthr.), new to fauna, **275;** CLARIDGE, *Tetramesa* spp. (Eurytom.), key, list of spp.-groups, **630;** GRAHAM, *Apelioma pteromalinum* (Pterom.), new to England, **1270.**

Lepidoptera.—GOODSON, *Pelosia obtusa* (Arct.), new to fauna, Entomologist **94:** 285, pl. 8; HESLOP, checklist, pts. II, III, **1456;** HESLOP & STOCKLEY, *Apatura iris* (Nymph.), variation, **1457;** MANLEY, *Cnephasia gueneana* (Tortr.), new to England, Ent. Gaz. **12:** 18.

Trichoptera.—BRINDLE, key to famm.; Phryganeidae, keys to larvae, pupae; checklist, **452;** key to famm. based on pupae, **453;** KIMMINS, *Hydroptila lotensis*, new to fauna, **1807.**

Diptera.—BRINDLE, larvae, keys, **454;** COLLIN, Empididae, pts. I–III, keys to subfamm., genn., spp., **688;** GRIFFITHS, Agromyzidae, Cambridge collection; *Melanagromyza rostrata*, *Cerodonta affinis*, added to list, Ent. Gaz. **12:** 123–126; HARTLEY, Syrphidae, key to tribes, genn. & 3rd instar larvae, **1407;** SMITH, Conopidae, suppl. records, distribution, **3204;** *Rhamphomyia* (*Pararhamphomyia*) *albividentris* (Empid.), new to fauna, Ent. mon. Mag. **96** (1960) [1961]: 157, 2 figs.

Siphonaptera.—COTTON, Lundy I., list, Ent. mon. Mag. **96** (1960) [1961]: 243; SMIT, *Ceratophyllus gallinae*, England, archaeological record, **3198.**

Hemiptera.—BORATYŃSKI, *Asterolecanium* (Coccid.), keys, **387;** DONCASTER, Walker's Aphids, catalogue, **888;** LANSBURY, *Cimex pipistrelli*-complex, key, **1959;** LE QUESNE, *Empoasca* (Cicadell.) & allied genn., key; *Kybos* (Cicadell.), key to spp., additions to list, **2028;** *Macropsis* (Cicadell.), key & checklist of spp., *Hepathus* (Cicadell.), checklist, **2029;** *Oncopsis* (Cicadell.), key to ♂♂ & ♀♀, **2030;** SOUTHWOOD & FEWKES, Nabidae, key, **3234.**

Thysanoptera.—LEWIS, esp. Thripidae, England, records, **2052.**

Collembola.—SOUTH, *Entomobrya*, keys, **3229.**

Fossils.—COOPE, remains found in glacial & interglacial deposits, **733;** COOPE, SHOTTON & STRACHAN, England, lists, **734.**

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Coleoptera.—COIFFAIT, *Eusphalerum* (Staph.), keys to subgenn., spp. & spp.-groups, catalogue, **673;** GOUTTENOIR, additions to Deronde's catalogue, **1261.**

Hymenoptera.—AUBERT, Ichneumonidae, Mediterranean reg., spp. new to fauna, **136;** BRANGHAM, Formicidae, south coast, records, **429;** GRAF, *Polistes bischoffi* (Vesp.), new to fauna, **1263;** VAN DER ZANDEN, *Dasypoda dusmeti* (Apid.), new to fauna, Ent. Ber. **21:** 214–215.

Lepidoptera.—SUIRE, *Eupista* (Coleoph.), list of spp. according to food-plants, key to spp. on *Dorycnium*, **3359;** VIETTE, *Parnassius apollo* (Papil.), variation, **3637;** Yponomeutidae (Tin.), Lhomme's emended catalogue, **3639.**

Diptera.—CALLOT & KREMER, *Culicoides* (Ceratop.), key to spp., list, **518;** KREMER, *Culicoides begueti* (Ceratop.), new to fauna, **1880;** KREMER & CALLOT, *Culicoides odibilis*-group (Ceratop.), list, keys to spp., spp. new to fauna, **1882;** LECLERCQ, Tabanidae, list of spp., records, **1995;** MIROUSE, Dolichopodidae, Pyrenees, lists of spp., **2363;** Psychodidae, Pyrenees, records, **2364;** SICART, *Dixa*, *Paradixa* (Culic.), S. France, keys to larvae & adults, **3154;** SICART, ESCANDE & RUFFIÉ, Psychodidae, lower Aquitaine basin, keys to subfamm. & genn., list of spp., **3160;** SICART, RIOUX & RUFFIÉ, *Anopheles* (Culic.), chromosomal key to larvae, **3161;** VAILLANT, Psychodinae, revision, **3595.**

Hemiptera.—RIBAUT, Homoptera, spp. new to fauna, **2889;** RIBAUT & LACROIX, *Cixius*, *Tachycixius*, *Neocixius* (Cixiid.), list of spp., **2892.**

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Insecta.—FRANZ, N.E. Alps, II, **1118;** RUSEK, Apterygota, Czechoslovakia, some new records, **2975.**

Coleoptera.—BALTHASAR, Lamellicornia (Lucanidae, Scarabaeidae pleurosticti), Czechoslovakia, revision, keys to subfamm., tribb., genn. & spp., **179;** DIECKMANN, Curculionidae, Germany, distribution, **859;** ENDRŐDI, *Otiorrhynchus* (Curc.), Carpathian basin, key, **976;** some Curculionidae, Carpathians, distribution, records, **980;** FASSATI, *Chrysolina limitata* (Chrysom.), new to Czechoslovakia, **1034;** FRANZ, *Scydmoraphes* (Scydmaen.), revision of known spp., **1120;** LOHSE, *Cryptopleurum subtile* (Hydroph.), new to fauna; *Leptacinus* (Staph.), key to Centr. Europ. spp., **2110;** MACHATSCHKE, *Anisoplia* (Rutel.), revision; *segetum*-group races, **2161;** NUNBERG, Scolytidae, Poland, records, distribution, **2550;** ŚLIWIŃSKI, Cerambycidae, Poland, records, **3188;** some Dermestidae, new to Poland, **3190;** SMETANA, *Gabrius* spp. (Staph.), Bulgaria, list, distribution, **3193;** *Stenus* (*Hypostenus*) (Staph.), Czechoslovakia, key to spp.; *kiesenwetteri*, new to Czechoslovakia, **3194;** SMRECZYŃSKI & CMOLUCH, Curculionidae, Bulgaria, list, **3212;** SZUJECKI, Steninae (Staph.), Poland, keys, **3397;** SZYMCZAKOWSKI, Syphidae, Poland, keys, **3400;** TESAŘ, laparostict Lamellicornia, Czechoslovakia, revision, keys, distribution, **3451;** ZASLAVSKII, *Phytonomus* (Curc.), Russia, review, key to spp., **3869.**

Hymenoptera.—BAJÁRI, some Pimplinae (Ichneum.), Hungary, revision, **168;** BALTHASAR & HRUBANT, some Chrysid., Sphec., Apoidea, Czechoslovakia, new records, distribution, **185;** BAUER, Ichneumonidae, Franken, Germany, list, **221;** BELIZIN, *Cynips*, Russia,

key to spp., **256**; BLÜTHGEN, Vespoidea, Centr. Europe, keys, **366**; Apidae, Sphecidae, Pompilidae, records, **369**; BOUČEK, Pteromalidae, distribution, **403**; BOUCHEK, Chalcidoidea, Moldavia, list, distribution, **408**; ČINGOVSKI, Tenthredinoidea, new to Yugoslavia, Serbian records, **623**; CONSTANTINEANU, Gelinae (Ichneum.), Rumania, spp. new to fauna, **716**; Pimplinae (Ichneum.), Hungary, Rumania, spp. new to fauna, **718**; Ichneumoninae, spp. new to Rumania; *Hemichneumon*, *Misetus*, genn. new to Rumania, **719**; *Idiolispa*, *Phygadeuon*, *Gelis* (Ichneum.), spp. new to Rumania; *Cryptus dianae* var. *leucostomus* (Ichneum.), new to Rumania, **720**; CONSTANTINEANU & others, Ichneumonidae, spp. new to Rumania, **723**; CONSTANTINEANU & PISICĂ, Pimplinae (Ichneum.), spp. new to Rumania, **725**; Pimplinae & Lissotinae spp. (Ichneum.) & *Stenolabis* (Ichneum.) gen. new to Rumania, **726**; CONSTANTINEANU & others, Chalcidoidea, spp. & var. new to Rumania, **728**; CONSTANTINEANU & others, Ichneumoninae, spp. new to Rumania, records, **729**; FÄSTER, *Ancistrocerus* (Eumen.), key to spp., **1035**; JASKOWSKA, *Agriotypus armatus*, new to Poland, Polsk. Pismo ent. **30** 1960: 403–404, 2 figs.; MÓCZÁR, *Prosopis* (Apid.), Hungary, catalogue, distribution, **2393**; *Colletes* (Apid.), Hungary, catalogue, distribution, **2394**; NIEDL & STANĚK, *Osmia nigriventris* (Apid.), new to Czechoslovakia, [Zpráva] Muz. Komensk. Uh. Brodě **1961**: [2 pp.]; PAVLOVIČ, Vespidae, Yugoslavia, list, **2669**; PISARSKI, *Camponotus* (Formic.), Poland, key to spp. & varr., distribution, **2739**; STANĚK, *Eucera eucnemidea* (Apid.), new to Czechoslovakia, **3265**; STARÝ, *Lysiphlebus*, *Troxys* (Brac.), Czechoslovakia, **3274**; SUCIU, Chalcidoidea, Rumania, records from galls of *Biorrhyza pallida*, spp. new to fauna, **3354**; SUCIU & ZUGRĂVEL, Torymidae, Eurytomidae & Pteromalidae, spp. new to Rumania, **3355**; SZCZEPAŃSKI, some Chalcidoidea new to Poland, **3380**; *Cerocephala cornigera*, *trichotus*, *Theocolax formiciformis* (Pterom.), new to Poland, **3381**; SZELÉNYI, *Eurytoma* (*Bruchophagus*), Hungary, key to spp. living in seeds of leguminous plants, **3391**; VIKTOROV, Ophionini (Ichneum.), Russia, key to genn., **3645**; ZIRNGIEBEL, wasps & bees, Pfalz, Germany, pts. II, III & supplement, **3882**.

Lepidoptera.—ALEXINSCHI & NICULESCU, Pieridae, spp. new to Rumania, **45**; ALEXINSCHI & PEIU, spp. new to Rumania, **46, 47**; HANNEMANN, Microlepidoptera I: Tortricidae, esp. Germany, keys, distribution, **1389**; HEUSER & JÖST, Pfalz, Germany, II, spp.-variation, **1465**; HEUSER, JÖST & ROESLER, Pfalz, Germany, III, spp.-variation, **1466**; DE LATTIN, JÖST & HEUSER, Pfalz, Germany, I, spp.-variation, **1971**; LORKOVIĆ, *Erebia tyndarus*-group (Satyr.), Alps, distribution, **2125**; VON MENTZER, *Erebia aquitania*, *neleus* groups (Satyr.), Alps, distribution, **2307**; MOUCHA, Rhopalocera, Slovakia, list of specimens in Nat. Hist. Mus. Budapest, localities, **2423**; PEIU, Tortricidae, spp. new to Rumania, **2677**; PEIU & ALEXINSCHI, Tortricidae, Rumania, records, spp. new to fauna, **2678**; SAUTER & DE BROS, *Procris albanica* (Zygaen.), *Bactra robustana* (Olethr.), *Ephestia woodiella* (Pyral.), new to Switzerland, **3032**; SCHNAIDER, JOZ., Jan. & Z., Aegeriidae, Poland, keys, **3072**; ŠTĚRBA, *Pieris bryoniae*, Carpathians, further distribution, **3299**; SZŐCS, *Ephestia afflatella* (Pyral.), *Argyresthia conjugella* (Tin.), *Incurvaria rubiella*, new to Hungary, **3396**; VARIN, *Satyrus dryas* subspp., distribution, **3607**; ZELNÝ, *Pieris bryoniae*, Carpathian Mts. (esp. Slovakia), distribution, variability, **3873**; ŻUKOWSKI, *Aciptilia nephelodactyla* (Pteroph.), new to Poland; distribution, **3889**.

Trichoptera.—BOTOŞĂNEANU, list, distribution, **399**; *Hydroptila cornuta*, *Limnophilus borealis*, new to Poland, **401**; JASKOWSKA, some caddis-flies new to Poland, **1654**; RIEDEL, Poland, distribution, **2908**; TOMASZEWSKI, *Rhyacophila polonica*, new to Poland, **3507**; WINKLER, *Limnephilus*, revision, key to spp., distribution, **3797**.

Neuroptera.—CONSTANTIN, *Neuroleon* (*Nelees*) *neumausiensis*, new to Rumania, distribution, **715**; MÎNDRU, Myrmeleonidae, Rumania, revision, key to spp., **2356**; NAGLER, spp. new to Hungary; spp. & varr. new to Rumania, **2469**; ZELENÝ, Coniopterygidae, Czechoslovakia, key to genn. & spp., new records, **3870**.

Diptera.—BAŃKOWSKA, Conopidae, Rumania, records & spp. new, **188**; *Syrphus compositarum*, *punctatulus*, *Eumerus tricolor*, *Cnemodon latitarsis* (Syrph.), new to Poland, **189**; BRNEK, *Odontomesa fulva* (Chiron.), new to Yugoslavia, **456**; CALLOT & KREMER, *Culicoides* (Ceratop.), Switzerland, key to spp., list, **518**; CHVÁLA, some Conopidae new to Czechoslovakia, **620**; Conipidae, Centr. Europe, keys to subfamm., genn. & spp.; Conopinae, list of spp. (esp. Czechoslovakia), **621**; ČEPELÁK, Larvaevoridae, Slovakia, new records, *Cylindromyia* (Tach.), key to spp., **573**; COE, Yugoslavia, records, **667**; Yugoslavia, spp. taken by Coe in 1958; localities, **668**; DANIELOVÁ, *Atylotus znojkoi* (Taban.), new to Czechoslovakia, **792**; DAVIES, *Twinnia hydroides* (Simul.), new to Switzerland, Mitt. schweiz. ent. Ges.**34**: 269–270; DRABER-MOŃKO, Tachinidae new to Poland, **901**; ERHAN & THEOWALD, Tipulidae, Rumania, list, **989**; GREGOR, synanthropic flies, keys for medical purposes, **1285**; IONESCU & WEINBERG, Asilidae, spp. new to Rumania; *Neomochtherus*, gen. new to Rumania, **1602**; KNOZ, *Eusimulium*, Czechoslovakia, key to all stages of *latipes*-group; *eryophilum*, *brevidens* new to Czech fauna, **1846**; LAZĂR, Conopidae, spp. new to Rumania, **1983**; LECLERCQ, Syrphidae, Yugoslavia, list, **2000**; Tabanidae, Yugoslavia, list, **2001**; LEHRER, *Blaesoxipha lineata* (Sarcoph.), new to Rumania, **2008**; *Parasarcophaga* & *Pierretia* (Sarcoph.), spp. new to Rumania; *Sarcophaga carnaria* & *subvicina*, subspp. new to Rumania, **2010**; Stratiomyidae, Sarcophagidae, spp. new to Rumania, **2011**; *Helicobosca* (Sarcoph.), Rumania, revision, **2012**; Conopidae, spp. new to Rumania; *Conops flavipes*, new to Hungary, **2013**; Sarcophaginae, spp. new to Rumania, **2014, 2017**; *Lipoptena cervi* (Hippobosc.), new to Rumania, **2015**; *Calliphora uralensis*, *Pollenta vera* (Calliphor.), new to Rumania; *Lucilia richardsi* (Calliphor.), record for Rumania confirmed, **2016**; LER, Leptogastrinae (Asil.), USSR, key to genn.; *Leptogaster*, key to spp., **2031**; MOUCHA & CHVÁLA, Tabanidae, Bulgaria, list, distribution, **2424**; ROZKOŠNY, Sciomyzidae, Czechoslovakia, distribution; *Pherbina intermedia*, *Elgiva lineata*, new to Czech. fauna, **2963**; SAVCHENKO, *Tipula*, Europ. Russia, monogr., keys to subgenn. & spp., **3033**; SKUHRAVÁ, Cecidomyiidae new to Czechoslovakia, **3179**; SLAMEČKOVÁ, *Thyrsocnema discifera* (Sarcoph.), new to Slovakia, **3181**; ŞUSTER & ZILBERMAN, Syrphidae, new to Rumania; *Spilomyia* (Syrph.), key to spp., **3366**; UNGUREANU, *Theobaldia* (Culic.), spp. new to Rumania, **3586**.

Hemiptera.—DLABOLA, *Platymetopius undatus*-group, Centr. Europe, key, **874**; GAJEWSKI, *Macrosteles* (Cicadell.), Poland, key to spp., **1167**; GRUPČE, aquatic Corixinae, Macedonia, list, **1302**; HEINZE, Myzinae (Aphid.), III, keys, larvae, **1431**; Pterocommatinae (Aphid.), keys to genn. & spp., **1432**; HOLMAN, Aphididae, Crimea, new & further records, **1527**; KAWECKI,

Lecanium spp. (Coccid.), Poland, records, **1754**; KLIMASZEWSKI, *Aleuroneura radiata*, *Trioza acutipennis* (Psyll.), new to Poland, **1840**; KOMOSIŃSKA-CZWARTACKA, *Himberlesia palmae*, *Abgrallaspis cyanophylli*, *Pinnaspis stachani*, *Gymnaspis aechmeae* (Coccid.), new to Poland, **1861**; LOGINOVA, *Aphalara* (Psyll.), Russia, revision, key to spp., **2107**; LOGVINENKO, Auchenorrhyncha, Ukraine, new records, distribution, **2108**; MAMONTOVA-SOLUKHA, *Cavariella* (Aphid.), esp. Ukraine, revision, key to spp., distribution, **2202**; Aphidoidea, new spp. for Russia & Ukraine, **2203**; MEIER, *Macrosiphum* (Aphid.), key, spp. new to Switzerland, **2298**; POLENTZ, esp. Germany, new records, **2750**; ROUBAL, Slovakia, new records, **2953**; ŠTYS, *Xylocoris* (*Stictosynechia*) *lativentris* (Anthoc.), *Tythus pygmaeus* (Mirid.), *Stagonomus* (*Dulleria*) *bipunctatus* (Pentat.), new to Czechoslovakia, Biologia **16**: 847–849; SZELEGIEWICZ, *Chaitophorus* (Aphid.), Poland, keys to ♀♀ & ♂♂, **3385**; Aphididae, spp. new to Poland, **3389, 3390**; ZAHRADNÍK, *Siphoninus immaculatus*, *Tetralicia ericae*, *Aleuroclava chittenden*, *Calluneyrodes callunae* (Aleyrod.), new to Czechoslovakia, **3858.**

Mallophaga.—BECHET, list & spp. new to Rumania, **236**; CONSTANTINEANU, ANDREIESCU & PISICĂ, Rumania, list of spp., **721**; CONSTANTINEANU & others, records & spp. new to Rumania, **722**; CONSTANTINEANU & PISICĂ, *Menopon productum*, *Lipeurus caponis* new to Rumania, **724.**

Plecoptera.—MIRON, records & spp. new to Rumania, **2361**; RAUŠER, *Leuctra*, Silesia, key to ♀♀; distribution; *teriolensis*, new to Czechoslovakia, **2855.**

Odonata.—CÎRDEI & BULIMAR, *Cordulegaster bidentatus* nymph, Rumania, 1st record, **627**; WERNEROVÁ, Czechoslovakia, keys, **3754.**

Orthoptera.—ČEJCHAN, some Orth., Kopaonik Mts., Serbia, I, list, distribution, **572**; KARAMAN, Macedonia, new records, **1732**; MÎNDRU, Rumania, records, **2355, 2358**; Acrididae, spp. new to Rumania, **2357**; NADIG, Switzerland & adjacent reg., records, **2466.**

Collembola.—GISIN, spp. new to Germany, **1227**; NOSEK, soil-dwelling Poduridae, Isotomidae, Czechoslovakia, list, distribution, **2533.**

Thysanura.—MIELEWCZYK, *Campodea fragilis*, new to Poland, Polsk. Pismo ent. **31**: 339–341.

Protura.—NOSEK, *Acerentomon*, *Acerentulus*, *Eosentomon*, new records, **2534.**

SOUTH EUROPE.

Insecta.—GUIMĂRAES, Portugal, additions to list of stored food pests, **1314.**

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Siphonaptera.—WANG & LIAO, *Hoplopsyllus glacialis*, new to China, **3720.**

Hemiptera.—HIDAKA, *Mizaldus*, *Ampera* (Lyg.), Japan, revision, key to spp., **1475;** HOBERLANDT, Heteroptera, Hindu-Kush, & Karakorum Mts., records, **1505;** HUNGERFORD & MATSUDA, *Limnogonus* (*Neogerris*) (Gerrid.), Japan, review, **1561;** ISHIHARA, Cicadidae, Japan, revision, keys to subfamm., tribes, genn., **1606;** Homoptera, Osaka Univ. Exp. 1957–1958 to S.E. Asia, **1607;** *Xestocephalus* (Cicadell.), Japan, key to spp., **1608;** KUWAYAMA, *Psylla ledi*, new to Japan, Ins. matsum. **24:** 123; LINNAVUORI, Miridae, Japan, list, **2080;** MALDONADO-CAPRILES, *Balocha* spp. (Cicadell.), W. Pakistan, key, **2186;** MIYAMOTO, *Gerris* (*G.*), Formosa, key to spp., **2376;** TAKAGI, Diaspidini (Coccid.), Japan, key to genn., keys to spp., list of genn. & spp., **3406;** TAKAHASHI, *Cavariella* (Aphid.), Japan, key to spp.; *aegopodii*, new to Japan, **3409;** *Boernerina*, *Betulaphis*, *Trichaitophorus* (Aphid.), new to Japan, **3413;** *Capitophorus* (Aphid.), Japan, key to some spp.; *montanus*, new to Japan, **3417;** TAO, *Toxoptera* (Aphid.), revision, key to subgenn. & spp., **3432.**

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Psocoptera.—THORNTON, *Trichadenotecnum*, Hong Kong, key, **3468.**

Dermaptera.—BHARADWAJ & BHATNAGAR, India, list, **317.**

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Hymenoptera.—AUBERT, *Townostilpnus* gen. et spp. n. (Ichneum.), Philippines, **138;** HAMANN, *Methoca* (*Stenomethoca*) subgen. et sp. n. (Methoc.), Borneo, **1371;** WAHIS, *Hemipepsis princeps* subsp. n. (Pompil.), Palawan (Philippines), **3712.**

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Odonata.—LIEFTINCK, Philippines, spp. n., list of spp., **2060.**

Orthoptera.—WILLEMSE, *Philippicentrus* gen. et sp. n. (Tettig.), Philippines, **3781.**

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Hymenoptera.—MAA & YOSHIMOTO, *Loboscelia* spp. n., New Britain, **2147.**

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Hymenoptera.—BROWN & WILSON, *Nothomyrmecia macrops* (Formic.), record, **474.**

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Diptera.—CAMRAS, *Australoconops* gen. n. (Conop.), key to spp., **526;** DOBROTWORSKY, *Aedes bancroftianus*, *multiplex*, distribution, **881;** FREEMAN, Chironomidae, keys to subfamm., genn. & spp., **1130;** MACKERRAS, Tabanidae IV: Chrysopinae, keys to genn., subgenn. & spp.-groups, distribution; *Chrysops testaceus*, *Silvius minor*, *nitescens*, crossed off Australian list, **2167;** O'GOWER, Culicidae, N.W. Australia, list, records, **2578;** PARAMONOV, *Pygophora* (Musc.), *Miltinus* (Mydaid.), revision, key to spp., **2643.**

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Hymenoptera.—DREISBACH, *Priocnessus* (Pompil.), Mexico, Centr. & S. America, revised keys to spp., **912, 913;** *Calicurgus* (Pompil.), Mexico, Centr. & S. America, keys to spp., **914;** HURD, *Xylocopa* (*Xylocopoides*) (Apid.), key to spp., **1568.**

Lepidoptera.—COMSTOCK & HUNTINGTON, Lycaenidae, Western Hemisphere, annotated list, **701;** Fox, Tithoreini & Melinaeini (Dan.), checklist **1112.**

Diptera.—BORGMEIER, *Chaetopleurophora* (Phorid.), key to spp., **390;** SABROSKY, *Stenoscinis* (Chlorop.), key to spp., **2981.**

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Coleoptera.—ABDULLAH, *Leptoremus* (Pedil.), revision, **3;** ARNETT, U.S.A., pt. II, keys, **104;** BARR, *Pseudanophthalmus* (Carab.), Indiana, key to spp., **198;** *Agonum* (*Rhadine*) (Carab.), U.S.A., key to spp., distribution, **199;** BOTTIMER, Bruchidae, spp. new to United States, **402;** BROOKS, Elateridae, esp. Alberta, Saskatchewan, Manitoba, keys to genn. & spp., distribution, **459;** BURKE, *Endalus limatulus-setosus* group (Curc.), north of Mexico, review, key to spp., **494;** *Onychylis* (Curc.), north of Mexico, key to spp., **495;** *Nanophyes* (Curc.), key, **496;** CARRILLO S. & GIBSON, *Macrodatylus* (Melol.), review, key to spp. between Canada & Guatemala, **553;** DILLON, E. S. & L. S., eastern N. Amer., keys, **861;** EL MOURSY, Byrrhidae, key to genn., **966;** FINNEGAN, *Hylobius* (Curc.), key, **1070;** HALFFTER, *Canthon* (Copr.), key to spp. & subspp., distribution, **1366;** HOWDEN, *Isodacrys* (Curc.), revision, key to spp., **1545;** *Thalycra* (Nitid.), revision, key to spp., distribution, **1548;** LEECH & SCHUH, *Graphoderus perplexus* (Dytisc.), California, new record, Pan-Pacif. Ent. **37**: 234; LINSLEY, *Euryptera* (Ceramb.), key to spp., **2087;** Sphaeronini (Ceramb.), Mexico, key to genn., **2089;** LINSLEY & CHEMSAK, *Crossidius* (Lam.), key to spp., distribution, **2093;** MATHIEU, *Melanactes* (Elat.), U.S.A., Mexico, revision, key to spp., distribution, **2265;** PAPP, *Cupes*, key to spp., **2637;** Tenebrionidae

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Plecoptera.—HANSON & HITCHCOCK, *Capnia manitoba*, new to New England, Bull. Brooklyn ent. Soc. **56**: 85–87.

Ephemeroptera.—ALLEN & EDMUNDS, *Ephemerella* (*Caudatella*), revision, keys, distribution, **55**; *Ephemerella* (*Attenuatella*), revision, key to nymphs, distribution, **56**; BERNER & ALLEN, *Ephemerella* (*Serratella*), U.S.A. & Canada, new records, **301**.

Odonata.—GLOYD, Texas, new records, revised list, **1230**.

Orthoptera.—KELLY & MIDDLEKAUFF, *Dissosteira carolina*, *longipennis*, *pictipennis*, *spurcata* (Acrid.), distribution, **1763**; REHN & EADES, Leptysmini (Acrid.), revision, key to genn., distribution, **2868**; *Clematodes larreae*, *papago* (Acrid.), variation, distribution, **2869**.

Collembola.—CHRISTIANSEN, cave spp., survey, **612**; *Pseudosinella*, U.S.A., new cave records, key, **613**; SCOTT, list, pictorial keys, **3097**; Isotominae, key to genn.; *Onychiurus*, *Tullbergia*, keys to spp., **3098**.

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Some Dytiscidae & Gyrinidae of S. America, GUIGNOT Bull. Mus. Hist. nat. (2) **33**: 311–317.

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Bolitocharides Thomson, 1959 (err. spelling for Bolitocharini) rejected, Opinion 599, Bull. zool. Nom. **18.**

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Bolitocharini (corr. of Bolitocharides) Thomson, 1859, placed on Official List of Family-Group Names in Zoology, Opinion 599, Bull. zool. Nom. **18.**

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Gabrius vernalis-group key of Palaearct. reg. pp. 36–39; *arnoldii* **sp. n.** Caucasus p. 33 figs., SMETANA Acta ent. Mus. nat. Pragae **34.**—*G.* spp. of Bulgaria (mainly list, distribution) pp. 43–46, SMETANA Acta faun. ent. Mus. nat. Pragae **7.**

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Ischnopoda Stephens, 1835, all previous type selections rejected and *leucopus* Marsham, 1802, designated type, placed on Official Lists, Opinion 600, Bull. zool. Nom. **18.**

Jarrigeus minutus aedeagus p. 261 figs., FAGEL Bull. Ann. Soc. R. Ent. Belg. **97.**

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Lathrimaeum key to Palaearctic spp. pp. 74–85; *moczarskii* Spain pp. 77, 85, *knappei* Macedonia pp. 83, 89, *sardoum* Sardinia pp. 84, 92 **spp. n.**, SCHEERPELTZ Mitt. münch. ent. Ges. **51.**—*L. melanochromum* **sp. n.** Armenia p. 140 fig., IABLOKOV-KHNZORIAN Notul. ent. **40.**—*L. mesasiaticum* **sp. n.** Centr. Asia pp. 363, 364, KIRSCHENBLATT Ent. Obozr. **40.**

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Osoriellus walikalensis **f. n.** *longicollis* Ghana p. 280, FAGEL Rev. Zool. Bot. afr. **64.**

Osorius eucrates **sp. n.** Ceylon p. 240 fig., FERNANDO Ceylon J. Sci. (Biol. Sci.) **3** 1960.

Oxypoda (*O.*) *corcyrica* p. 425, (*Demosoma*) *leucadiana* Greece p. 428, SCHEERPELTZ S.B. öst. Akad. Wiss. (I) **167** 1958.

Pachypaederus lasti **sp. n.** Zululand p. 276 fig., FAGEL Bull. Ann. Soc. R. Ent. Belg. **97.**

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Staphylinus (*Pseudocypus*) *picipennis* **subsp. n.** *graecus* Greece p. 398 figs., SCHEERPELTZ t.c.—*S. erythropterus* pupa p. 423 figs., SZUJECKI Polsk. Pismo ent. **30** 1960.

Stenaesthetus afer **sp. n.** Congo p. 33 fig., KISTNER Explor. Parc nat. Garamba Miss. de Saeger 1949–1952 fasc. 21.

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Stilicus (*S.*) *rudis* **sp. n.** Natal p. 272, FAGEL S. Afr. anim. life vol. VIII.

Tachinus flavolimbatus, *marginellus* posterior portion of sternite of 7th & 8th abdominal segments figured p. 78, STEEL Entomologist **94.**

Tachyusa Erichson, 1837, all previous type selections rejected and *constricta* Erichson, 1837, designated type, placed on Official Lists, Opinion 600, Bull. zool. Nom. **18.**—*T.* (*T.*) *jonica* **sp. n.** Corfu p. 409, SCHEERPELTZ S.B. öst. Akad. Wiss. (I) **167** 1958.

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Thinonoma Thomson, 1858, and type *atra* Gravenhorst, 1806, placed on Official Lists, Opinion 600, Bull. zool. Nom. **18.**

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Zyras Stephens, 1835, and type *haworthi* Stephens, 1832, placed on Official Lists, Opinion 599, Bull. zool. Nom. **18.**—*Z.* list of Upemba National Park spp. p. 126; (*Dentothalmonia*) *clementis*, (*Blepharonia*) *remotus* p. 128, (*B.*) *sparsus* p. 130, (*Grammodonia*) *holosus* p. 131 **spp. n.** Congo figs., LAST Explor. Parc nat. Upemba Miss. de Witte 1946–1949 (1959) 1960 fasc. 59.—*Z.* (*Z.*) *bramtonus* Senegal pp. 219, 222, (*Homalodonia*) *hirsutus* Nigeria pp. 219, 223 **spp. n.**, LAST Mém. Inst. franç. Afr. noire no. 62.—*Z.* (*Glossacantha*) *fortis* p. 31, (*G.*) *pluvialis* p. 32 **spp. n.** Angola figs., LAST Publ. cult. Comp. Diam. Angola no. 52.

Zyrus Cameron, 1939, rejected, Opinion 599, Bull. zool. Nom. **18.**

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Pselaphidae from the first Hungarian Sci. exped. to E. Africa, JEANNEL Ann. hist.-nat. Mus. hung. **53:** 327–333, 9 figs.

Notes on Pselaphidae of Ceylon (keys), JEANNEL Bull. Brit. Mus. (Nat. Hist.) Ent. **10:** 423–456, 43 figs.

Pselaphidae from the Ruwenzori district (list of spp. pp. 12–48), JEANNEL Explor. Parc nat. Albert (2) fasc. 12: 7–64, 12 figs.

Pselaphidae of Niokolo-Koba Nat. Park, JEANNEL Mém. Inst. franç. Afr. noire no. 62: 225–226, 2 figs.

Revision of Madagascan Pselaphidae (new keys to spp.), JEANNEL Mém. Inst. sci. Madag. (E) **12:** 1–14.

Cavernicolous Pselaphidae of the United States (checklist p. 84, keys to tribb., genn., subgenn. & spp. pp. 86–93), PARK 1960 Amer. Midl. Nat. **64:** 66–104, 14 figs., 1 map.

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Amauropidius hervei **sp. n.** France p. 125 figs., OCHS *in* HERVÉ Ann. Soc. Sci. nat. Archéol. Toulon **1961.**

Arianops (*Arispeleops*) *stygica* **sp. n.** Tennessee p. 67, PARK Amer. Midl. Nat. **64** 1960.

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Batrisus armatus see *Tribasodema armatum*; *spinicollis* see *Nesitomina*; *monstrosus* see *Batriasymmodes*.

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Bythinopsis (*B.*) *balearica* **sp. n.** Minorca p. 289 figs., JEANNEL Arch. Zool. exp. gén. **99.**—*B. hubrichti* **sp. n.** Kentucky p. 76 fig., PARK Amer. Midl. Nat. **64** 1960.

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Machaerites (*Speleochus*) *croceus* p. 78, (*Subterrochus* **subgen. n.** pp. 86, 91 (in checklist & key)) *eurous* p. 79, (*Sub.*) *steevesi* p. 80 **spp. n.** Alabama figs., PARK Amer. Midl. Nat. **64** 1960.

Manuleiger **gen. n.** (Cyathigerini) p. 449, *remyi* **sp. n.** Ceylon p. 450 figs., JEANNEL Bull. Brit. Mus. (Nat. Hist.) Ent. **10.**

Mayetia key to subgenn., (*Promayetia*, *Metamayetia* **subgenn. n.**), catalogue pp. 249–252; (*P.*) *subfagniezi*, (*P.*) *debilis*, p. 236, (s. str.) *subhervei* p. 237, (s. str.) *madeloca* p. 238, (s. str.) *issolensis* p. 240, (s. str.) *perthusiensis*, (s. str.) *bastidea*, (s. str.) *advena* p. 242, (s. str.) *manerensis*, (s. str.) *fontfrigida* (with **subsp. n.** *bifida*) p. 244 France, (*P.*) *tamega* 237, (s. str.) *algarvensis*, (s. str.) *regalis* p. 245, (*Met.*) *vicina* p. 246, (*Met.*) *minhoensis*, (*Met.*) *realensis*, (*Met.*) *vouga*, (*Met.*) *sintrensis* p. 248 Portugal, (s. str.) *guixolensis* p. 237, (s. str.) *gavarrensis*, (s. str.) *tossensis* p. 238 Spain, (s. str.) *galeriensis*, (s. str.) *vicoensis* Corsica p. 240 **spp. n.** figs., COIFFAIT Rev. franç. Ent. **28.**—*M. putahensis*, *grayae* p. 23, *judsoni* California, *smithi* Oregon p. 26 **spp. n.** figs., SCHUSTER Pan-Pacif. Ent. **37.**

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Nesiotomina **gen. n.** for *Batrisus spinicollis* Motsch. (type) p. 431; *longicollis* **sp. n.** Ceylon p. 432 figs., JEANNEL Bull. Brit. Mus. (Nat. Hist.) Ent. **10.**

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Paramaurops (*Protomaurops*) *mavrovi* p. 221, (*Pr.*) *macrophthalma* p. 223 **spp. n.** Macedonia figs., KARAMAN Glasn. prirod. Muz. Beogradu (B) **12** 1958.

Promayetia **subgen. n.** (type *minima* Coiff.) see *Mayetia.*

Pselaphaulax (*P.*) *ceylanicus* **sp. n.** Ceylon p. 450, JEANNEL Bull. Brit. Mus. (Nat. Hist.) Ent. **10.**

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Reichenbachella barbieri **sp. n.** Fr. Cochin-China p. 447, JEANNEL t.c.

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Tetraglyptus comoricus ♂ p. 14, JEANNEL Mém. Inst. sci. Madag. (E) **12.**

Tmesiphorus laevis **sp. n.** Ceylon p. 453 fig., JEANNEL Bull. Brit. Mus. (Nat. Hist.) Ent. **10.**—*T. ruwenzoricus* **sp. n.** Congo pp. 46, 61, JEANNEL Explor. Parc nat. Albert (2) fasc. 12.

Trabisostenus longicornis **sp. n.** Congo pp. 32, 54 fig., JEANNEL Explor. Parc nat. Albert (2) fasc. 12.

Tribasodema **gen. n.** for *Batrisus armatus* Raffr. p. 429 figs., JEANNEL Bull. Brit. Mus. (Nat. Hist.) Ent. **10.**

Tribatus hauseri **sp. n.** Centr. Asia p. 31 fig., BESUCHET Mitt. schweiz. ent. Ges. **34.**

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Cychramus Kglnn. (= *Quadrifrons* Blatch.), *castaneus* Blatch. from *Q.* p. 8, HOWDEN Canad. Ent. suppl. 25.

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Notes on New Zealand Cucujidae & Silvanidae (key to genn. with endemic spp. p. 143, checklist of spp., list of genn. wrongly placed in Cucujidae & Silvanidae p. 144), LEFKOVITCH Ent. mon. Mag. **97**: 143–144.

Carinophloeus **gen. n.** (syst. position uncertain p. 80) for *Laemophloeus raffrayi* Grouv. p. 78 figs., LEFKOVITCH Verh. XI. int. Kongr. Ent. Wien 1960 **1.**

Hemipeplus miyamotoi **sp. n.** Japan p. 75 figs., KAMIYA Mushi **35.**

Laemophloeus raffrayi see *Carinophloeus.*

Oryzaephilus mercator Fauv. (= *Silvanus gossypii* Chitt.); *surinamensis* L. (= *S. bicornis* Er.) syn. confirmed p. 251, SPILMAN Proc. ent. Soc. Wash. **62.**

Silvanus gossypii see *Oryzaephilus mercator*; *bicornis* see *O. surinamensis.*

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Colydiidae from Garamba Nat. Park (catalogue of spp. pp. 5–7, keys to African tribb., genn. & spp. pp. 7–12), POPE Explor. Parc nat. Garamba Miss. de Saeger fasc. 25: 3–115, 38 figs.

Antibothrus key to African spp. p. 75; *elongatus* p. 76, *angustior* p. 79 **spp. n.** Congo figs., POPE Explor. Parc nat. Garamba Miss. de Saeger fasc. 25.

Ascetoderes **gen. n.** for *Bothrideres foveicollis* Rttr. (type) (= *B. impressus* Pasc. p. 108), *filum* Grouv., *festus* Hint. p. 104; *watsanus* p. 106, *conradsi* p. 107 **spp. n.** Congo; key to African spp. p. 105 figs., POPE t.c.

Bitoma lyctiformis Woll. (= *elongata* Grouv., *rufipes* Kolbe, *Xuthia granosa* Grouv.) p. 35, POPE t.c.

Bothrideres filum, *festus*, *foveicollis*, *impressus* see *Ascetoderes*; *scutatus* see *Pseudobothrideres confossicollis*; *distinctus* see *Ogmoderes angusticollis.*

Caprodes ater, *transvaalicus* see *Sprecodes.*

Cicones marshalli see *Sassaka.*

Endophloeus conradti see *Mamakius.*

Lascotrichus **gen. n.** for *Neotrichus eichelbaumi* Grouv. (type), *cheops* Hint. p. 37, POPE Explor. Parc nat. Garamba Miss. de Saeger fasc. 25.

Machlotes key to African spp. p. 87; *angustatus* Grouv. (= *imperfectus* Grouv.) p. 89, POPE t.c.

Mamakius **gen. n.** for *Endophloeus conradti* Grouv. p. 13, POPE t.c.

Mecedanum key to African spp. p. 47; *auberti* Fairm. (= *filum* Hint.) p. 48, POPE t.c.

Microprius key to African spp. p. 29; *decoratus* **sp. n.** Congo p. 33; *confusus* Grouv. (= *raffrayi* Grouv.) p. 30; *terrenus* Fairm. (= *reticulatus* Grouv.) p. 32 fig., POPE t.c.

Neotrichus eichelbaumi, *cheops* see *Lascotrichus.*

Ogmoderes angusticollis Bris. (= *Bothrideres distinctus* Pér.) p. 103, POPE Explor. Parc nat. Garamba Miss. de Saeger fasc. 25.

Pabula africana **sp. n.** Congo p. 45 figs., POPE t.c.

Pseudobothrideres key to African spp. p. 98; *confossicollis* Fairm. (= *Bothrideres scutatus* Pér.) p. 99, POPE t.c.

Pubala key to African spp.; *squamifera* Grouv. (= *angusta* Grouv.) p. 14, POPE t.c.

Sassaka **gen. n.** for *Cicones marshalli* Grouv. (type) p. 19; *somereni* Kenya, *minor* Congo **spp. n.** p. 21, POPE t.c.

Shekarus **gen. n.** (allied to *Erotylathris*), *ornatus* **sp. n.** Ghana p. 80 figs., POPE t.c.

Sosylus key to African spp. pp. 63–65; *bistriatus* Fairm. (= *eichelbaumi* Grouv.) p. 71 fig., POPE t.c.

Sprecodes **gen. n.** for *Caprodes ater* Grouv. (type), *transvaalicus* Grouv. p. 39 figs., POPE t.c.

Synchita key to African spp. p. 23; *saegeri* **sp. n.** Congo p. 24 fig., POPE t.c.

Tarphius besucheti **sp. n.** Spain p. 83 fig., ESPAÑOL Graellsia **19.**

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Triboderus key to African spp. p. 83; *capicola* Pér. (= *africanus* Grouv.) p. 85 fig., POPE t.c.

Xuthia granosa see *Bitoma lyctiformis*.

COSSYPHODIDAE.

S. African Cossyphodidae (key to subfamm. p. 200; catalogue of spp. pp. 213–216), ANDREAE S. Afr. anim. life vol. VIII: 198–216.

Allocossyphodes **subgen. n.** (type *arnoldi* Brauns) see *Cossyphodes*.

Cossyphodes key to subgenn. & spp. of S. Afr. pp. 203–205; catalogue to spp. pp. 213–216; *Pachycossyphodes* p. 214, *Allocossyphodes*, *Metacossyphodes*, *Hypercossyphodes* p. 215 **subgenn. n.**; (*C.*) *braunsi* **n. n.** for *bewicki* Brauns nec Woll. pp. 202, 203; (*P.*) *pretoriensis* Transvaal p. 203, (*M.*) *fulvus* Eritrea p. 204, (*H.*) *godfreyi* Cape Province, (*H.*) *natalensis* Natal p. 205, (*M.*) *matabele* p. 203, (*M.*) *stevensoni* p. 204 (all in key), (*M.*) *reichenspergeri* pp. 204, 207 S. Rhodesia, (*H.*) *brincki* Natal, Zululand pp. 205, 208, (*H.*) *vandami* Transvaal pp. 205, 210 **spp. n.**; *wasmanni* ♂ p. 206, ANDREAE S. Afr. anim. life vol. VIII.—*C. bewicki* see *Paramellops*.

Hypercossyphodes **subgen. n.** (type *vandami* sp. n.) see *Cossyphodes*.

Metacossyphodes **subgen. n.** (type *kundelunguensis* Basil.) see *Cossyphodes*.

Pachycossyphodes **subgen. n.** (type *machadoi* Basil.) see *Cossyphodes*.

Paramelloninae **subfam. n.** for *Paramellon* Waterh., *Cossyphodinus* Wasm. p. 213, ANDREAE S. Afr. anim. life vol. VIII.

Paramellops **gen. n.** for *Cossyphodes bewicki* Woll. pp. 201–213, ANDREAE t.c.

DISCOLOMIDAE (NOTIOPHYGIDAE).

Discolomidae from the Congo, JOHN Rev. Zool. Bot. afr. **63**: 291–298, figs.

Aphanocephalus humiphilus **sp. n.** Congo p. 295 figs., JOHN Rev. Zool. Bot. afr. **63.**

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Languriidae from Albert National Park, VILLIERS Explor. Parc nat. Albert (2) fasc. 12: 71–78.

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Ptilodactyla serricollis pupa (*exotica* compared) p. 106 fig., SPILMAN Ent. News **72.**

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Aquatic Eubriidae of the Ethiopian region (larvae & pupae, keys), BERTRAND Bull. Inst. franç. Afr. noire (A) **23:** 716–738, 10 figs.

Afroeubria **gen. n.** (related to *Eubrianax*), *hygropetrica* (type) p. 439, *bertrandi* p. 441, *flavida* p. 442 Tanganyika, *monodi* Guinea p. 443 **spp. n.** (key p. 439) figs., VILLIERS Bull. Inst. franç. Afr. noire (A) **23.**—*A.* larvae (key p. 720), pupae (key p. 727) pp. 720–731 figs., BERTRAND Bull. Inst. franç. Afr. noire (A) **23.**

Dascillus cervinus larva pp. 432–442 figs., ZOCCHI Studi sass. (3) **9.**

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Cebrio tiziifrensis **sp. n.** Morocco p. 73 figs., COBOS Arch. Inst. Aclim. **10.**

BOSTRYCHIDAE.

Keys to subfamm. of Bostrychidae (larvae & adults), CROWSON Proc. R. ent. Soc. Lond. (B) **30:** 116–118.

Bostrychidae in the Senckenberg Natural History Museum and types of Fåhraeus (lectotype selection), VRYDAGH Bull. Inst. Sci. nat. Belg. **37** no. 4: 1–23, no. 7: 1–10.

Bostrychidae of Niokolo-Koba Nat. Park, VRYDAGH Mém. Inst. franç. no. 62: 155–159, 1 fig., 1 map.

Bostrychidae of Angola in Mus. Dundo, 2, VRYDAGH Publ. cult. Comp. Diam. Angola no. 52: 15–27, 5 maps.

Bostrychidae & Lyctidae collected from Madagascar by Dr. Fred Keiser in 1957–58, VRYDAGH Verh. naturf. Ges. Basel **72:** 130–133.

Apate congener Gerst. (= *frontalis* Fåhr. nec Lesne) p. 8, VRYDAGH Bull. Inst. Sci. nat. Belg. **37** no. 7.—*A. uncinata* (*frontalis*) see *Phonapate*.

Bostrychopsis rostrifrons ♂ p. 155 fig., VRYDAGH Mém. Inst. franç. Afr. noire no. 62.

Endecatomus Mellié systematic position discussed pp. 113, 118–119; *rugosus* larva p. 116 figs., CROWSON Proc. R. ent. Soc. Lond. (B) **30.**

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Phonapate densoana Lesne a good sp. not subsp. of *madecassa* p. 132, VRYDAGH Verh. naturf. Ges. Basel **72.**—*P. uncinata* Karsch (= *frontalis* Lesne nec Fåhr.) from *Apate* p. 8; *moghrebica* Lesne a subsp. of *u.*; *u. africana* **n. n.** for *f. f.* Fåhr. p. 9, VRYDAGH Bull. Inst. Sci. nat. Belg. **37** no. 7.

Xylogenes spp. revision (key to spp. p. 9) pp. 1–11; *mesopotamicus, dilatatus* compared p. 2; *mjobergianus* Lesne (*hirticollis* compared) correction to misidentification p. 5; *granulicauda* further description p. 8 figs., VRYDAGH op. cit. **37** no. 10.

Xylothrips geoffroyi, castanopterus of New Caledonia p. 5, CHÛJÔ Bull. Osaka Mus. nat. Hist. no. 13.

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Oligomerus fraxini **sp. n.** Armenia p. 151 fig., IABLOKOV-KHNZORIAN Notul. ent. **40.**

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Cleridae of USSR (key to subfamm. p. 74, keys to genn. & spp.), RIKHTER Trudÿ vsesoyuzn. ent. Obshch. **48:** 63–128, 67 figs.

Corynetes Paykull, 1798, rejected, Opinion 604, Bull. Zool. Nom. **18.**

Korynetes Herbst, (1792), and type *caeruleus* De Geer, 1775, placed on Official Lists, Opinion 604, Bull. zool. Nom. **18.**

Necrobia Olivier, 1795, and type *violaceus* Linnaeus, 1758, placed on Official Lists, Opinion 604, Bull. Zool. Nom. **18.**

Tillus transversalis all stages, esp. mature larva pp. 579–592; *t., elongatus, unifasciatus* larval characters p. 592 figs., CROVETTI Studi sass. (3) **9.**

LYCTIDAE.

Endemic & imported cambium beetles in Centr. Europe (key to genn. p. 78, keys to spp.), CYMOREK Ent. Bl. **57:** 76–102, 10 figs.

Lyctidae & Bostrychidae collected from Madagacar by Dr. Fred Keiser in 1957–58, VRYDAGH Verh. naturf. Ges. Basel **72:** 130–133.

Lyctus argentinensis **sp. n.** Argentina p. 187 figs. SANTORO Actas Trab. I Congr. Zool. 1959 **3** 1960.—*L. patagonicus* **sp. n.** Argentina p. 191 figs., SANTORO t.c.—*L.* spp. of Centr. Europe (key p. 89–90) pp. 79–85 figs., CYMOREK Ent. Bl. **52.**

Minthea rugicollis, obsita, squamigera from Centr. Europe pp. 85–87, 90 figs., CYMOREK t.c.

Trogoxylon impressum, parallelopipedum from Centr. Europe pp. 87, 90 figs., CYMOREK t.c.—*T. angulicollis* **sp. n.** Argentina p. 194 figs., SANTORO Actas Trab. I Congr. Zool. 1959 **3** 1960.

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Malachiidae of Canary Is., II (phylogeny pp. 17–26), EVERS Ent. Bl. **57:** 3–26, 13 figs.

A list of Malachiidae and Lycidae from the Massiccio del Pollino and from Aspromonte, PARDO ALCAIDE Annu. Ist. Mus. Zool. Univ. Napoli **13** no. 3: 1–8, 1 fig.

Ablechrus Waterh. (= *Pseudattalus* Champ.); *granularis* Er. from *Attalus*; list of spp. p. 36, WITTMER Coleopt. Bull. **15.**—*A. freyi* **sp. n.** Mexico p. 361, WITTMER Ent. Arb. **12.**

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Carphuroides niasensis Pic from *Carphurus* p. 363, WITTMER Ent. Arb. **12.**

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Cephalonicus lindbergi **sp. n.** (*capito* distinguishing characters) Tenerife p. 172 figs., EVERS Ent. Bl. **57.**—*C. trinotaticollis* Pic from *Troglops* p. 363, WITTMER Ent. Arb. **12.**

Choresine Pasc. (= *Carphurotroglops* Pic); *pulcher* Pic (= *bicolorata* Champ.) from *C.* p. 364, WITTMER t.c.

Colpometropus leucostomus Champ. a good sp. not syn. of *basicornis* p. 364, WITTMER t.c.

Cryptotarsus boliviensis Pic from *Attalus* p. 363, WITTMER t.c.

Dicranolaius benneri Wittm., *quinquenotatus* Fairm., *quinqueplagiatus* Fairm., *trisignatus* Germ. from *Laius* p. 364, WITTMER t.c.

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Hedybius bituberculatus Champ. from *Attalus* p. 363; *pici* **n. n.** for *cristatus* Pic nec Champ. p. 364, WITTMER t.c.

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Laius pictus Er. (= *javanus* Pic) p. 364, WITTMER Ent. Arb. **12.**—*L. anomalipus* see *Apalochrus*; *benneri, quinquenotatus, quinqueplagiatus, trisignatus* see *Dicranolaius*.

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Scelocarphurus **gen. n.** for *Carphurus tibiellus* Wittm. (type) p. 179; *deformipes* **sp. n.** New Britain p. 180 fig., WITTMER Ent. Bl. **57.**

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Chauliognathidae **fam. n.** for Chauliognathini Lec. & Ichthyurini Champ. (from Cantharidae), MISKIMEN Coleopt. Bull. **15:** 17–25, figs.

Absidia rufotestacea, pilosa distinguishing characters p. 18 figs., BRAKMAN Ent. Ber. **21.**

Anisotelus pici **n. n.** for *Tylocerus* (*Tylocerocorneus*) *subincrassicornis* Pic 1919 nec 1911; (*Tyloceroc.*) *basicornis* Fairm., *dimidiata* F. p. 362, *oceaniae* Bourg., *staudingeri* Pic from *Cantharis*; *rocholli* Pic from *Discodon*; *subnigronotata* Pic from *Silis* p. 363, WITTMER Ent. Arb. **12.**

Athemus nigroannulata Pic from *Cantharis* p. 362, WITTMER t.c.

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Chauliognathus alternata Lea, *curvipes* Lea, *marginicollis* Cast., *nitidicollis* Pic from *Cantharis* p. 362; *flavipes* F. (= *fallax* Germ., *basalis* Lac.); *gracilis* Blanch. (= *brevelineatus* Pic) p. 363, WITTMER Ent. Arb. **12.**—*C. atacamanus* **sp. n.** Chile p. 358, WITTMER t.c.

Discodon cyanoptera Luc., *flaviventris* Blanch., *gaudichaudi* Cast., *janthinipennis* Blanch., *metallica* Bourg. from *Cantharis* p. 362; *cephalotes* Pic (= *breyeri* Pic); *nigricorne* Germ. (= *luteum* Blanch.); *cinctum* Cast. (= *marginipennis* Cast.) p. 363, WITTMER t.c.—*D. rocholli* see *Anisotelus*.

Kandyosilis reducticornis Pic from *Cantharis* p. 363, WITTMER Ent. Arb. **12.**

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Oontelus pioi **sp. n.** Brazil p. 357 fig., WITTMER Ent. Arb. **12.**

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Tytthonyx venezuelensis Wittm. from *Malthinus*; *guadeloupenses* Fleut. from *Belotus*; *nanus* **n. n.** for *minutus* Wittm. nec Leng & Mutch. p. 363, WITTMER Ent. Arb. **12.**

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Lycidae from the Loochoo Is., NAKANE Ent. Rev. Jap. **13:** 11–15, 1 pl.

A list of Lycidae and Malachiidae from the Massiccio del Pollino and from Aspromonte, PARDO ALCAIDE Annu. Ist. Mus. Zool. Univ. Napoli **13** no. 3: 1–8, 1 fig.

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Cautires amamiensis **sp. n.** Loochoo Is. p. 12 fig., NAKANE Ent. Rev. Jap. **13.**

Lygistopterus cobosi **sp. n.** Morocco p. 70 figs., COBOS Arch. Inst. Aclim. **10.**—*L. sanguineus, anorachilus* distinguishing characters p. 2 figs., PARDO ALCAIDE Annu. Ist. Mus. Zool. Univ. Napoli **13** no. 3.

Lyponia oshimana, ishigakiana **spp. n.** Loochoo Is. p. 14 figs., NAKANE Ent. Rev. Jap. **13.**

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Plateros hasegawai **sp. n.** Japan p. 5, NAKANE Fragm. Coleopterol. **1.**—*P. nakachii* Okinawa p. 12, *shirakii, shibatai* p. 13, *ikarianus* p. 14 Loochoo Is. **spp. n.** figs., NAKANE Ent. Rev. Jap. **13.**

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Photinus sanctaeluciae ♀ p. 116, MCDERMOTT Coleopt. Bull. **15.**

Photoctus **gen. n.**, *boliviae* **sp. n.** Bolivia p. 174, MCDERMOTT Ent. News **72.**

Pyractomena fenestralis see *Pyropyga nigricans*.

Pyropyga revision of spp. (key to ♂♂ p. 67) pp. 65–74; *nigricans* Say (= *Pyratomena fenestralis* Melsh.) p. 68; *modesta* (also U.S.), *cordobana* p. 69, *alticola* p. 71, *extensa* Mexico, *australis* p. 70, *saltensis* p. 72 Argentina **spp. n.** figs., GREEN Coleopt. Bull. **15.**

THROSCIDAE (TRIXAGIDAE).

Revision of supergeneric categories of Throscidae (key to subfamm. & tribb. p. 5), COBOS Bull. Inst. Sci. nat. Belg. **37** no. 35: 1–6, 5 figs.

Throscidae & Eucnemidae from Upemba National Park, COBOS Explor. Parc nat. Upemba Miss. de Witte 1946–1949 fasc. 63: 3–8, 4 figs.

Aulonothroscus ceballosi p. 365, *inusitatus* p. 367, *elongatus* p. 368, *minutissimus* p. 372 Span. Guinea, *fernandinus* Fernando Po p. 370 **spp. n.** figs., COBOS Eos **37.**

Drapetes guineensis **sp. n.** Span. Guinea p. 362 fig., COBOS t.c.

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Throscini **trib. n.** for *Throscus* Latr., *Aulonothroscus* Horn, *Pactopus* Lec. pp. 4, 5, COBOS t.c.

EUCNEMIDAE (MELASIDAE, CEROPHYTIDAE).

Eucnemidae & Throscidae from Upemba National Park, COBOS Explor. Parc nat. Upemba Miss. de Witte 1946–1949 fasc. 63: 3–8, 4 figs.

Basilewskydia insularis **sp. n.** Fernando Po p. 376, COBOS Eos **37.**

Prodirrhagus straeleni **sp. n.** Congo p. 4; *dubius*, *africanus* distinguishing characters p. 6 figs., COBOS Explor. Parc nat. Upemba Miss. de Witte 1946–1949 fasc. 63.

ELATERIDAE (PHYLLOCERIDAE, DICRONYCHIDAE).

Adult Elateridae of southern Alberta, Saskatchewan & Manitoba (key to genn. p. 9, keys to ♂ descriptions of spp.), BROOKS Canad. Ent. **92** suppl. 20: 1–63, 94 figs.

On some new characters of classificatory importance in adults of Elateridae (key to subfamm. p. 160), CROWSON Ent. mon. Mag. **96:** 158–161, 7 figs.

Some Elateridae of Mozambique, GOMEZ ALVES 1954 An. Jta Invest. Ultramar **9** (3): 43–52, 2 figs.

Physorhininae of the Ethiopian region (key to genn. sep. p. 3), LAURENT & TAMINIAUX Bull. Soc. roy. Sci. Liège **30:** 72–90 [sep. pp. 1–19], 37 figs.

Oxynopterinae & Physorhininae from Upemba National Park, LAURENT & TAMINIAUX Explor. Parc nat. Upemba Miss. de Witte 1946–1949 fasc. 63: 45–50, 1 fig.

Revision of N. American Elaterini (keys to genn. p. 278 & spp., re-descriptions, emendations), ROACHE Trans. Amer. ent. Soc. **86:** 275–329, pls. 15–18.

Aeolus minor Schwarz (a valid sp.) p. 162, *curtipennis* Schwarz p. 165 from *Drasterius*, BECKER Canad. Ent. **93.**

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Athous ornatipennis LeC. (= *exclamationis* Schwarz) p. 162, BECKER Canad. Ent. **93.**

Cardiophorus (*C.*) key to W. Mediterranean spp. p. 79; *arribasi* p. 75, *hispanicus* p. 78, *frigidus* p. 79 **spp. n.** Morocco; (*C.*) *rufipes* Goeze (= *captiosus* Norm.) p. 74 figs., COBOS Arch. Inst. Aclim. **10.**

Ctenicera Latr. (= *Euplastius* Schwarz) revision of *bivittata* & allied spp. (key p. 170) pp. 170–180; *athoides* Schwarz (= *Ludius robinsoni* Knull) p. 171; *bivittata* Melsh. (= *E. athoiformis* Schwarz) p. 175; *knulli* Tennessee p. 174, *melsheimeri* Ohio p. 178, *mimica* N. Carolina p. 179 **spp. n.** figs., BECKER Canad. Ent. **93.**

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Doualarhinus **subgen. n.** (type *insignis* sp. n.) see *Anchastus.*

Drasterius minor, curtipennis see *Aeolus.*

Elathous bicolor Lec. (= *oberndorfferi* Schwarz) p. 166 fig., BECKER Canad. Ent. **93.**

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Glyphonyx spp. ♂ & ♀ genitalia pp. 74–77 figs., KULASH Verh. XI. int. Kongr. Ent. Wien 1960 **1.**

Ischiodontus schwarzi **n. n.** for *parallelus* Schwarz nec Cand. p. 169 fig., BECKER Canad. Ent. **93.**

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Megapenthes gussakovskii **sp.n.** Tadzhikistan; *lugens*, *rutilipennis* distinguishing characters pp. 885, 886 figs., GUR'EVA Ent. Obozr. **40.**

Melanactes revision (key to spp. p. 462) pp. 459–474; *piceus* DeG. (= *procerus* LeC.) p. 470; *densus* p. 463, *reichei* p. 466, *morio* p. 467, *puncticollis* p. 468, *consors* p. 469 re-description figs., MATHIEU Amer. Midl. Nat. **65.**—*M. agrypnoides* see *Pseudomelanactes.*

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Buprestidae of Neotropical region (descriptions and corrections), COBOS Pesquisas (Zool.) no. 11: 5–23, 10 figs.

Acmaeodera hassayampae **sp. n.** Arizona p. 80, KNULL Ohio J. Sci. **61.**

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Pachyschelus schmidtianus **n. n.** for *schmidti* Cobos nec Obenb.; *cyaneonitens*, *beniensis* ♂ genitalia p. 19 figs., COBOS t.c.

Polycesta hyleae **sp. n.** (place in key p. 396) Brazil p. 392 figs., KOGAN Rev. bras. Biol. **21.**

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TENEBRIONIDAE (BORIDAE, RHYSOPAUSSIDAE, TRETOTHORACIDAE).

Tenebrionidae of Niokolo-Koba National Park, ARDOIN Mém. Inst. franç. Afr. noire no. 62: 139–149, 4 figs.

Tenebrionidae (Pycnocerini (key to larvae p. 59), system. position discussed p. 60) & Monommidae collected on the Danish expedition to the French Cameroons, 1949–1950, DAHL Bull. Inst. franç. Afr. noire (A) **23**: 30–62, 8 figs.

Cylindronotini of Iberian Peninsula (key to genn. p. 135, to spp. p. 142), ESPAÑOL Eos **37**: 135–160, 15 figs.

Material for the study of Italian Tenebrionidae (1st posthumous note), GRIDELLI 1960 Atti Mus. Stor. nat. Trieste **22**: 25–43.

A list of Tenebrionidae from Arabia & Asia Minor, KASZAB Abh. Mus. Tierk. Dresden (Ent.) **26**: 169–175.

Tenebrionidae from Austrian exped. to Karakorum in 1958, KASZAB Ann. hist.-nat. Mus. hung. **53**: 341–355.

Notes on Leiochrini (key to genn. pp. 357–359), KASZAB Ann. hist.-nat. Mus. hung. **53**: 357–380, 15 figs.

Larvae of Pimeliinae (key p. 383) from W. Kazakhstan, KELEÏNIKOVA Ent. Obozr. **40**: 371–384, 33 figs.

A revision (distribution list of spp. p. 340) of the Venezuelan species of the Epitragini, with notes on some other Neotropical species, MARCUZZI Ann. Mus. Stor. nat. **72**: 313–352, 5 pls., 48 figs., 9 maps.

The tribe Leiochrini of Japan (key to genn. p. 33), MIYATAKE Trans. Shikoku ent. Soc. **7**: 33–40, 9 figs.

A checklist of Tenebrionidae north of the Panama Canal, PAPP Opusc. ent. **26**: 97–140.

Tenebrionidae of Tibesti & Borkou taken by de Miré & Quézel, PIERRE Bull. Inst. franç. Afr. noire (A) **23**: 1030–1053.

Blaptini & Opatrini of E. Nepal, PIERRE Bull. Soc. ent. Fr. **66**: 212–214.

Adelonia Lap. (= *Merotemnus* Horn p. 49, *Rhacius* Champ. p. 50); *filiformis* Lap. (type) from *M.* p. 49; *baeri* Pic, *costipennis* Blair, *cylindica* Kulz., *deplanata* Pic, *diversipes* Pic, *nitida* Gbn., *opatroides* Prty., *quadricollis* Champ., *rufa* Pic, *sulcatula* Champ., *vicina* Pic from *R.* p. 50, SPILMAN Pan-Pacif. Ent. **37**.

Adesmia dilatata **subspp. n.** *toubou*, *getuliformis* p. 1036; *montana* **subsp. n.** *kohor* p. 1037 Sahara, PIERRE Bull. Inst. franç. Afr. noire (A) **23**.

Alegoria brevicollis **sp. n.** Brazil p. 222, KULZER Ent. Arb. **12**.

Alphasida (*Pedarasida*) *vidali* ♂ p. 89, COBOS Arch. Inst. Aclim. **10**.

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Anarmostodera key to spp. p. 90; *sicardi*, *acutipennis* p. 93, *aenea* p. 94, *vadoni* p. 95 **spp. n.** Madagascar fig., ARDOIN Nat. malgache **12**.

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Arthrodosis lobicollis larva p. 411 figs., SKOPIN Ann. hist.-nat. Mus. hung. **53**.

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Asida (*A.*) key to Italian spp. (excl. Corsica, Sardinia) pp. 40–42, GRIDELLI Atti Mus. Stor. nat. Trieste **22** 1960.—*A.* (*Planasida*) *arribasi* **sp. n.** Morocco p. 87 fig., COBOS Arch. Inst. Aclim. **10**.

Belopus (*Centorus*) *pakistanus* **sp. n.** Pakistan p. 226 figs., KASZAB Mitt. münch. ent. Ges. **51**.

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Blaptyscellis **gen. n.** (C. Koch, in litt.) (Blaptini), *dreuxi* **sp. n.** Nepal p. 213, PIERRE Bull. Soc. ent. Fr. **66**.

Caedius latipes Muls. & Rey (= *senegalensis* Geb.) p. 152; *royi* **sp. n.** (with **subsp. n.** *orientalis* Kenya p. 152) Senegal p. 151, PIERRE Mém. Inst. franç. Afr. noire no. 62.

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Clitobius ovatus **subsp. n.** *borkouensis* Sahara p. 1043, PIERRE Bull. Inst. franç. Afr. noire (A) **23**.

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Derispia spp. revision (key pp. 140–163) pp. 139–184; *hardyi*, *furcifer* New Guinea p. 165, *jacobsoni* p. 166, *insularis* (with **abb. n.** *apicenigra* Sumatra, *nigromarginata*, *bicircula*, *bisbimaculata* Borneo, *peninsularis*, *brunnea* Malaya p. 170) (also Borneo) Sumatra, *queenslandica* p. 169, *miranda* p. 167 Queensland, *imitator* Ceylon p. 172, *parvula* Borneo, *atkinsoni* p. 174, *truncata* p. 175 India, *similis* p. 176, *bisexnotata* p. 177, *walkeri* p. 180, *kryzhanovskii* p. 182, *fukiensis* China, *japonica* Japan p. 181, *freudei* Vietnam p. 178, *bisquadrimaculata* Indo-China p. 179 **spp. n.**; *octomaculata* **abb. n.** *triconfluens*, *securiger*, *pica*, *biconfluens* p. 164; *gibbosa* **abb. n.** *trinotata*, *semiconfluens* p. 172, *rufoplagiata*, *biplagiata* Borneo, *ericsoni*, *doherty* Malaya p. 171; *orientalis* **ab. n.** *brahmana* p. 167; *blairi* **abb. n.** *nigromarginalis*, *maculata* p. 168; *coccinelloides* **ab. n.** *postbilineata* p. 172; *pulla* **ab. n.** *medifasciata* p. 173; *bistrimaculata* **subsp. n.** *championi* p. 178 India; *klapperichi* **abb. n.** *separata*, *confluentissima* China p. 177 figs., KASZAB Acta zool. hung. **7.**—*D.* key to Japanese spp. p. 34; *japonicola* p. 36, *amamiana* p. 37, *shibatai* (Chûjô & Miyat.) p. 38 **spp. n.** Japan figs., MIYATAKE Trans. Shikoku ent. Soc. **7.**

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Diesiola **gen. n.** for *Diesia quadridentata* Fisch. (type), *t. termeziana* Skop., *vachshiana* Skop. (subsp. of *t.* not *q.*), *fischeri* Men. (raised to sp. not subsp. of *q.*), *Sternoplax auliensis* Rttr. pp. 397, 403, 404; *fischeri* Men. (= *Idiesa auliensis* subsp. *aralensis* Skop.); *iliensis* **sp. n.** Centr. Asia p. 401; key p. 403 figs., SKOPIN Ann. hist.-nat. Mus. hung. **53.**

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Hoplocephala huedepohli p. 214, *atricollis* p. 215 **spp. n.** Brazil, KULZER Ent. Arb. **12.**

Hypovinsonia **gen. n.** (nr. *Chariotheca*), *albopilosa* **sp. n.** Mauritius p. 207 fig., ARDOIN Bull. Mauritius Inst. **5.**

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Iliodera **subgen. n.** (type *desertoides* **sp. n.**) see *Microdera*.

Italohelops **gen. n.** for *Nesotes subchalybaeus* Rttr. (*Allardius sardiniensis* compared p. 294) p. 295 figs., ESPAÑOL Eos **37.**

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Lepidocnemeplatia Kasz. spp. catalogue p. 264; *crenata* **sp. n.** Argentina p. 260 figs., VIANA Actas Trab. I Congr. sudamer. Zool. 1959 **3** 1960.

Leucolaephusini **trib. n.** for *Pterolasia, Storthocnemis, Leucolaephus, Pseudoplatyope, Mecopisthopus, Pseudostorthocnemis* p. 558, PIERRE Verh. XI. int. Kongr. Wien 1960 **1.**

Lobodera (*L.*) *belutschistanica* **sp. n.** (*adusta* distinguishing characters) Baluchistan p. 119, KASZAB Misc. zool. **1.**

Megagenius frioli **subsp. n.** *troglophilus* Morocco p. 233 fig., KOCHER Bull. Soc. Sci. nat. Maroc **40** 1960.

Menimus vinsoni **sp. n.** Mauritius p. 205, ARDOIN Bull. Mauritius Inst. **5.**

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Anthicidae collected from the coast between Puglia & Calabria, Italy, 1956–58, BUCCIARELLI Boll. Soc. ent. ital. **91:** 102–131, 23 figs.

Some Anthicidae of the Appennines, BUCCIARELLI 1959 Mem. Mus. Stor. nat. Verona **7:** 183–189, 5 figs.

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Some Scarabaeidae from Mozambique, II, GOMES ALVES 1954 An. Jta Invest. Ultramar (3) **9:** 53–61, 5 pls.

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Bdelyropsis **gen. n.** for *Bdelyrus bowditchi* Paul. p. 160 figs., PEREIRA, VULCANO & MARTÍNEZ Actas Trab. I Congr. sudamer. Zool. 1959 **3** 1960.

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Euserica pardoi **sp. n.** Morocco p. 91 figs., COBOS Arch. Inst. Aclim. **10.**

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Heliocopris from Upemba National Park pp. 3–7, JANSSENS Explor. Parc nat. Upemba Miss. de Witte 1946–1949 fasc. 60.—*H. andersoni* ♂ genitalia p. 56 figs., GOMES ALVES An. Jta Invest. Ultramar **9** (3) 1954.

Malagionella **gen. n.** for *Megathopa argentina* Gillet (type), *coerulea* Balth., *lanei* Lange, *as. astyanax* Oliv., *as. polita* Halff., *as. punctatostriata* Blanch., *as. yucateca* Halff., p. 82 figs., MARTÍNEZ Neotropica **7.**

Megathopa complex revision pp. 81–86 figs., MARTÍNEZ t.c.—*M. argentina, as. astynas, as. polita, as. punctatostriata, as. yucateca, coerulea, lanei* see *Malagoniella*; *bicolor, cupreicollis, chalybaea, magnifica, p. puncticollis, p. aeneicollis, p. tubericeps* see *Megathopomima*.

Megathopomima **gen. n.** for *Megathopa bicolor* Guér. (type), *cupreicollis* Waterh., *chalybaea* Blanch., *magnifica* Balth., *p. puncticollis* Blanch., *p. aeneicollis* Waterh., *p. tubericeps* Gill. p. 84 figs., MARTÍNEZ Neotropica **7.**

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Parascarabaeus **gen. n.** (nr. *Scarabaeus*) p. 174, *tonkineus* **sp. n.** Tonkin p. 177, BALTHASAR Ent. Arb. **12.**

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Scarabaeus karrooensis **sp. n.** S. Africa p. 237 figs., ZUR STRASSEN Ent. Arb. **12.**—*S. deludens* **sp. n.** Transvaal p. 437 figs., ZUR STRASSEN Senckenb. biol. **42.**

Uroxys boneti **sp. n.** (*pygmaeus, trinitatis, inconspicuus* distinguishing characters) Mexico p. 55 fig., PEREIRA & HALFFTER Rev. bras. Ent. **10.**

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Some Aphodiinae from Micronesia, NAKANE Sci. Rep. Kyoto prefect. Univ. (Nat. Sci.) **3**: A151–A152.

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Aedaegus in Rhizotrogini, NONVEILLER Verh. XI. int. Kongr. Ent. Wien 1960 **1:** 92–95, 3 figs.

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Macrodactylus review of Mexican spp. (key to spp. between Canada & Guatemala pp. 26–33) pp. 9–78 figs., CARRILLO S. & GIBSON Foll. Tecn. Ofic. Estud. espec. 1960 no. 39.

Maladera Muls. (= *Neoserica* Brnsk., *Aserica* Lewis, *Autoserica* Brnsk.) synn. discussed; *castanea* Arr. (from *As.*) correct name for the " Asiatic garden beetle " pp. 545–550, POPE Ann. Mag. nat. Hist. (13) **3.**

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List of Curculionidae of Almería, Spain, GARCÍA DE VIEDMA Arch. Inst. Aclim. **10:** 43–61, 6 figs.

Notes on Apioninae (esp. Ethiopia), Voss Ann. hist.-nat. Mus. hung. **53:** 419–433, 2 figs., 1 map.

Curculionidae taken by Lindberg in Afghanistan, 1959 & 1960, Voss Ent. Tidskr. **82:** 180–190.

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Phytonomus review of USSR spp. (key pp. 626–635) pp. 624–635; *interruptovittatus* Desbr. (= *eversmanni* Fst., *zebra* Rttr.) p. 627; *elongatus* Payk. (= *seriatus* Mnnrh.) p. 628; *farinosus* Boh. (= *hauseri* Petri) p. 630; *viciae* Gyllh. (= *puncticauda* Motsch.) p. 631; *pedestris* Payk. (= *dorsatus* Gyllh.); *misellus* Fst. (= *gestroi* Petri, *bodoi* Rttr.) p. 634 figs., ZALAVSKII Ent. Obozr. **40.**

Piezotrachelus (*Mepiezotrachelus* **subgen. n.** p. 425) key to spp.; (*M.*) *kovacsi* p. 426, (*M.*) *ererensis* p. 427 Ethiopia, (*P.*) *csikii* E. Afr. p. 428, (*P.*) *pruinosus* Congo p. 430 **spp. n.** figs., Voss Ann. hist.-nat. Mus. hung. **53.**

Pissodes spp. of Spain (key p. 37, ♂ copulatory organ p. 5) pp. 33–61 figs., G[ARCÍA] DE VIEDMA Bol. Serv. Plag. forest. **4** no. 8.

Proeces rugosipennis **sp. n.** Rodriguez I. p. 219, RICHARD Bull. Mauritius Inst. **5.**

Promecodes Balfour-Browne, 1960, and type *leucothyreus* Fåhraeus, 1840, placed on Official Lists, Opinion 605, Bull. zool. Nom. **18.**

Promecopsis Champion, 1911, rejected, Opinion 605, Bull. zool. Nom. **18.**

Pseudorchestes spp. review (corrections) pp. 11–14; *otini* **subsp. n.** *balachowskyi* France p. 14, HOFFMANN Entomologiste **17.**

Pseudostenotrupis vinsoni **sp. n.** Rodriguez I. p. 217 fig., RICHARD Bull. Mauritius Inst. **5.**

Ptochus senegalensis **sp. n.** Senegal pp. 170, 173, MARSHALL Mém. Inst. franç. Afr. noire no. 62.

Raymondionymus laneyriei **subsp. n.** *andreae* France p. 121, HERVÉ Ann. Soc. Sci. nat. Archéol. Toulon **1961.**

Rhyssomatus fissilis **sp. n.** Texas p. 71 figs., BURKE Southw. Nat. **6.**

Rungscythropus elongatus Hffm. (= *Scythropus princeps* Peyr.) p. 34, HOFFMANN Bull. Soc. ent. Fr. **66.**

Scythropus kocheri **sp. n.** (*juniperi* compared) Morocco p. 33, HOFFMANN t.c.—*S. princeps* see *Rungscythropus elongatus.*

Sitona lineata, hispidula larval distinguishing characters p. 465 figs., PRESCOTT & ANDERSON Ann. ent. Soc. Amer. **54.**

Sitophilus oryzae-complex synonymy discussed; *o., zeamais* Motsch. distinguishing characters pp. 241–244 figs., KUSCHEL Ann. Mag. nat. Hist. (13) **4.**—*S. oryzae, linearis, granarius* ♂ genitalia pp. 234–236 figs., WIEBES Ent. Ber. **21.**

Sphinxioides Voss & Chûjô (= *Demimaea* (*Epidemimaea*) Chûjô & Voss) p. 262, MORIMOTO Kontyû **29.**

Stereocorynus impressifrons p. 263, *anthrax* p. 264 **spp. n.** Java, Voss Treubia **25.**

Subtorneuma **subgen. n.** (type *normandi* sp. n.) see *Torneuma.*

Taenophthalmus volki **sp. n.** Afghanistan p. 242, Voss Beitr. naturk. Forsch. SW-Dtschl. **19.**—*T.* (*Protaenophthalmus*) *lindbergi* **sp. n.** (*griseopunctatus, volki* distinguishing characters) Afghanistan p. 182, Voss Ent. Tidskr. **82.**

Temnogastrus granulatus **sp. n.** Flores p. 251, Voss Treubia **25.**

Tithena microcephala ♀ p. 252, Voss t.c.

Torneuma (*Subtorneuma* **subgen. n.**) *normandi* **sp. n.** Algeria p. 36, HOFFMANN Bull. Soc. ent. Fr. **66.**

Tychius alpensis **sp. n.** Lower Alps p. 10, HOFFMANN Entomologiste **17.**—*T. bicolor* **var. n.** *femoratus* France p. 97, TEMPÈRE Bull. Soc. ent. Fr. **66.**

Xenotrupis sumatrensis **sp. n.** Sumatra p. 262, Voss Treubia **25.**

SCOLYTIDAE (IPIDAE).

Scolytidae (list of spp. studied p. 420), alimentary canal & reproductive system as taxonomic characters, ASLAM Trans. R. ent. Soc. Lond. **113:** 417–489, 186 figs.

Checklist of the Scolytidae of Kyushu I., Japan (addenda p. 109), MURAYAMA Publ. ent. Lab. Coll. Agric. Univ. Osaka no. 6: 93–105.

African Scolytidae, NUNBERG Rev. Zool. Bot. afr. **64:** 328–346, 29 figs.

Scolytidae & Platypodidae from Niokolo-Koba Nat. Park, SCHEDL Mém. Inst. franç. Afr. noire no. 62: 175–179.

A key to the N. American genera of Scolytidae, WOOD Coleopt. Bull. **15:** 41–48.

Arixyleborus aralidii **sp. n.** Malaya p. 618 figs., NUNBERG Ann. Mag. nat. Hist. (13) **3.**

Blastophagus Eichhoff, 1864; *Blastophagus* Gravenhorst, 1827, plea for suppression pp. 319–321, WOOD Bull. Zool. Nom. **18.**

Chramesus peruanus **sp. n.** Peru p. 223, SCHEDL Pan-Pacif. Ent. **37.**

Corthylus uniseptis Mexico p. 229, *subsulcatus* Bolivia p. 230 **spp. n.,** SCHEDL t.c.

Cryphalus babai **sp. n.** Japan p. 29 fig., MURAYAMA Akitu **10.**

Dendroctonus Erichson, 1836, & type *micans* Kugelmann, 1794, plea for addition to Official Lists pp. 319–321, WOOD Bull. Zool. Nom. **18.**

Eidophelus sumatranus **sp. n.** Sumatra p. 72, SCHEDL Ent. Ber. **21.**

Ericryphalus madagascariensis **sp. n.** Madagascar p. 131, SCHEDL Mém. Inst. sci. Madag. (E) **12.**

Erioschidias niger **sp. n.** Madagascar p. 131, SCHEDL t.c.

Hypocryphalus maculatus **sp. n.** Sarawak p. 303, BROWNE Sarawak Mus. J. (N.S.) **10.**—*H. frogatti* **sp. n.** New Britain p. 611 figs., NUNBERG Ann. Mag. nat. Hist. (13) **3.**

Hypothenemus cosmoderoides **sp. n.** Japan p. 30 fig., MURAYAMA Akitu **10.**—*H. mangovorus* **sp. n.** Madagascar p. 134, SCHEDL Mém. Inst. sci. Madag. (E) **12.**

Ips sexdentatus ♀ stridulatory apparatus as secondary sexual character pp. 28–32 figs., MICHALSKI Ann. zool. **20.**

Kelantanius **gen. n.** for *Xyleborus punctatopilosus* Schedl p. 621 figs., NUNBERG Ann. Mag. nat. Hist. (13) **3.**

Lanurgus bicolor **sp. n.** S. Africa p. 350, SCHEDL Ann. Mag. nat. Hist. (13) **3.**—*L. euphorbiae* p. 137, *minutissimus* p. 139, *rugosipes* **spp. n.** Madagascar; *minor* ♂ p. 138, SCHEDL Mém. Inst. sci. Madag. (E) **12.**

Micracidendron tomicoides p. 141, *dispar* p. 142 **spp. n.** Madagascar, SCHEDL t.c.

Micracis madagascariensis p. 139, *harunganae* p. 140 **spp. n.** Madagascar, SCHEDL t.c.

Mimiophorus kikusuae **subsp. n.** *occidentalis* Ivory Coast p. 83, SCHEDL Bull. Inst. franç. Afr. noire (A) **23.**

Mimips biconicus Schedl (= *confusus* Egg.); *elongatus* **sp. n.** Ivory Coast p. 86, SCHEDL t.c.—*M. mimicus* **sp. n.** Costa Rica p. 227, SCHEDL Pan-Pacif. Ent. **37.**—*M. cavifrons* **sp. n.** Congo p. 342 figs., NUNBERG Rev. Zool. Bot. afr. **64.**

Miocryphalus grobleri **sp. n.** S. Africa p. 349, SCHEDL Ann. Mag. nat. Hist. (13) **3.**

Mitosoma odonticeps p. 159, *dispar, sexspinosum* p. 160, *lobatum* p. 163, *obliquatum* p. 164, *obtusum* p. 165, *truncatipennis* **spp. n.** Madagascar; *excisum* p. 162, *crenulatum* p. 158, *paulianum* p. 166 ♀♀, SCHEDL Mém. Inst. sci. Madag. (E) **12.**

Myelophilus Eichhoff, 1878, plea for suppression pp. 319–321, WOOD Bull. zool. Nom. **18.**

Notoxyleborus antanala, boeni from *Xyleborus* p. 143, SCHEDL Mém. Inst. sci. Madag. (E) **12.**

Orthotomicus craterigerus **sp. n.** New Ireland p. 621 figs., NUNBERG Ann. Mag. nat. Hist. (13) **3.**

Pityophthorus epistomalis p. 224, *gentilis* p. 225 Panama Canal Zone, *surinamensis* p. 226 Surinam **spp. n.,** SCHEDL Pan-Pacif. Ent. **37.**—*P. ignotus* **sp. n.** Madagascar p. 143, SCHEDL Mém. Inst. sci. Madag. (E) **12.**

Poecilips malgasicus **sp. n.** Madagascar p. 136, SCHEDL t.c.—*P. asper, crassiventris* **spp. n.** Ghana p. 351, SCHEDL Ann. Mag. nat. Hist. (13) **3.**—*P. brunneus* **sp. n.** Malaya p. 616 figs., NUNBERG Ann. Mag. nat. Hist. (13) **3.**

Polygraphus creber, aequalis p. 128, *aequatus* p. 129 **spp. n.** Madagascar, SCHEDL Mém. Inst. sci. Madag. (E) **12.**—*P. sumatranus* **sp. n.** Sumatra p. 72, SCHEDL Ent. Ber. **21.**

Pseudohylocurus **gen. n.** (nr. *Hylocurus*), *caplandicus* **sp. n.** Cape Province p. 613 figs., NUNBERG Ann. Mag. nat. Hist. (13) **3.**

Pseudowebbia **gen. n.** for *Xyleborus trepanicauda* Egg. (♂ p. 309) p. 308, BROWNE Sarawak Mus. J. (N.S.) **10.**

Pterocyclon turbinatum **sp. n.** Mexico p. 230, SCHEDL Pan-Pacif. Ent. **37.**

Ptilopodius hylesiniformis p. 132, *madagascariensis* p. 133 **spp. n.** Madagascar, SCHEDL Mém. Inst. sci. Madag. (E) **12.**

Sphaerotrypes bryanti p. 300 Sarawak, *minutus* p. 302 Malaya, Sarawak **spp. n.,** BROWNE Sarawak Mus. J. (N.S.) **10.**

Stephanoderes abruptus, euphorbiae p. 135, *muticus* p. 136 **spp. n.** Madagascar, SCHEDL Mém. Inst. sci. Madag. (E) **12.**

Stephanopodius boliviae **sp. n.** Bolivia p. 224, SCHEDL Pan-Pacif. Ent. **37.**

Strombophorus nudus p. 332, *pseudomovoliae* p. 336 **spp. n.** Congo figs., NUNBERG Rev. Zool. Bot. afr. **64.**

Taphroborus **gen. n.** (nr. *Taphrorychus*), *vaticae* **sp. n.** Malaya p. 617 figs., NUNBERG Ann. Mag. nat. Hist. (13) **3.**

Thamnophthorus elongatus **sp. n.** Bolivia p. 226, SCHEDL Pan-Pacif. Ent. **37.**

Thamnurgus babai **sp. n.** Japan p. 29 fig., MURAYAMA Akitu **10.**—*T. ugandensis* **sp. n.** Uganda p. 614 figs., NUNBERG Ann. Mag. nat. Hist. (13) **3.**

Tiarophorus kivuensis **sp. n.** Congo p. 344 figs., NUNBERG Rev. Zool. Bot. afr. **64.**

Tomicus Latreille, [1802–3], & type *piniperda* Linnaeus, 1758, plea for addition to Official Lists pp. 319–321, WOOD Bull. zool. Nom. **18.**

Webbia 14-spinatus Samps. (= *14-costatus* Sch.) p. 310; *bakoensis* **sp. n.** Sarawak p. 310, BROWNE Sarawak Mus. J. (N.S.) **10.**

Xyleborus muasi p. 306, *horridulus* p. 307 **spp. n.** Sarawak, BROWNE t.c.—*X. sakoae, hirsutipennis* p. 144, *gibber* p. 145, *voarotrae, nossi* p. 146, *reunionis* p. 147, *cupulatus* p. 150, *cuneidentis* p. 151, *signatipennis, bezanozano* p. 152, *scalptor, omissus* p. 153, *oralis* p. 154, *diapiformis* p. 155, *sartor, curtidentis* p. 156, *sandragatoensis, aduncus* (with **subspp. n.** *profondus* p. 149, *aduncus* p. 150) **spp. n.**; *subtuberculatus* **subsp. n.** *malgasicus* p. 148; *forficuloides* **subspp. n.** *dentibarbis, pinguis* p. 150; *mitosomipennis* **var. n.** *laevipennis* p. 155 Madagascar figs., SCHEDL Mém. Inst. sci. Madag. (E) **12.**—*X. corniculatulus* ♂ p. 529; *posticus* ♂; *trinidadensis* **sp. n.** Trinidad p. 530, SCHEDL Ann. Mag. nat. Hist. (13) **3.**—*X. bispinosulus* **sp. n.** Java p. 73, SCHEDL Ent. Ber. **21.**—*X. commixtus* ♂ p. 229, *corniculatus* ♂; *assiduus* **sp. n.** Venezuela p. 228, SCHEDL Pan-Pacif. Ent. **37.**—*X. okinosenensis* **sp. n.** Japan p. 31 fig., MURAYAMA Akitu **10.**—*X. balanocarpi* **sp. n.** Malaya p. 619 figs., NUNBERG Ann. Mag. nat. Hist. (13) **3.**—*X. morigerus, morstatti* of Tonkin (identity discussed) pp. 133–136, KALSHOVEN Ent. Ber. **21.**—*X. antanala, boeni* see *Notoxyleborus*; *punctatopilosus* see *Kelantanius*; *trepanicauda* see *Pseudowebbia.*

Xyloctonus stenographus **sp. n.** Madagascar p. 130, SCHEDL Mém. Inst. sci. Madag. (E) **12.**

PLATYPODIDAE.

Checklist of the Platypodidae of Kyushu I., Japan, MURAYAMA Publ. ent. Lab. Coll. Agric. Univ. Osaka no. 6: 105–109.

Platypodidae & Scolytidae from Niokolo-Koba Nat. Park, SCHEDL Mém. Inst. franç. Afr. noire no. 62: 175–179.

Cenocephalus pulchellus **subsp. n.** *minor* Surinam p. 233, SCHEDL Pan-Pacif. Ent. **37.**

Crossotarsus moluccanus **sp. n.** Ternate I. (Moluccas) p. 74, SCHEDL Ent. Ber. **21.**

Cylindropalpus cultellus ♂ p. 157, SCHEDL Mém. Inst. sci. Madag. (E) **12.**

Diacavus biporus ♀ p. 318, BROWNE Sarawak Mus. J. (N.S.) **10.**

Diapus minor ♀ p. 75, SCHEDL Ent. Ber. **21.**

Dilopygus aduncus **sp. n.** Senegal p. 178, SCHEDL Mém. Inst. franç. Afr. noire no. 62.

Platypus bilobus Cayenne p. 231, *grandiporus, perforans* Bolivia p. 232, *pretiosus* Venezuela p. 233 **spp. n.,** SCHEDL Pan-Pacif. Ent. **37.**—*P. roberti* ♀ p. 157, SCHEDL Mém. Inst. sci. Madag. (E) **12.**—*P. longecaudatus* New Britain p. 623, *ugandensis* Uganda p. 624 **spp. n.** figs., NUNBERG Ann. Mag. nat. Hist. (13) **3.**—*P. hirtellus* ♀ p. 312; *garciniae* **sp. n.** Sarawak p. 314, BROWNE Sarawak Mus. J. (N.S.) **10.**—*P. ovatus* see *Platyscapulus.*

Platyscapulus ovatus Strohm. from *Platypus*; *o.* ♀ p. 315, BROWNE Sarawak Mus. J. (N.S.) **10.**

Spathidicerus sumatranus ♂ p. 74, SCHEDL Ent. Ber. **21.**

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Brenthidae of Argentina (systematic position discussed p. 12, keys to tribes, genn. & spp.), HAEDO ROSSI Opera lill. **6:** 1–313, 22 pls., 222 figs.

Notes on African Brenthidae (genitalia), SCHEDL Ent. Arb. **12:** 185–204, 3 figs.,

Acidotus see *Opisthozemius*; *hautmanni* see *O. vittatus*; *vaneyeni* see *Azemius.*

Acratus kleinei (*tarsatus*, *ruber*, *expectatus* compared p. 232) further description p. 222 figs., HAEDO ROSSI Opera lill. **6.**

Allagogus yangambiensis **sp. n.** Congo p. 279, DAMOISEAU Rev. Zool. Bot. afr. **63.**

Amobaeus Kleine, *costipennis* Kl. (nec Fairm.) good gen. & sp. p. 206, QUENTIN Bull. Soc. ent. Fr. **66.**

Amorphocephalus pubescens **sp. n.** Congo p. 286, DAMOISEAU Rev. Zool. Bot. afr. **63.**—*A. muchei* **sp. n.** Anatolia (Turkey) p. 117 figs., HERTEL Abh. Mus. Tierk. Dresden (Ent.) **26.**

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Bolbocephalus truncatus p. 288, *rostralis* p. 289 **spp. n.** Congo, DAMOISEAU Rev. Zool. Bot. afr. **63.**

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Callipareius Senna (= *Coomania* Kleine, *Metacidotes* Schedl); catalogue of spp.; *ponderosus* Kl. from *C.*; *pulvifrons* Schedl from *M.*; *projectus* **sp. n.** Tonkin p. 17 figs., DAMOISEAU Bull. Inst. Sci. nat. Belg. **37** no. 37.

Carcinopisthius emarginatus **sp. n.** Congo p. 199, SCHEDL Ent. Arb. **12.**

Ceragogus appendiculatus ♀ p. 187, SCHEDL t.c.

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Coomania see *Callipareius*; *ponderosus* see *C.*

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Myrmecobrenthus ater **sp. n.** Africa p. 21 figs., DAMOISEAU Bull. Inst. Sci. nat. Belg. **37** no. 37.

Nemocephalus key to Argentine spp.; *nodosus* p. 196, *armatus* p. 198, *argentinus* p. 206, *proseni* p. 213 further description figs., HAEDO ROSSI Opera lill. **6.**

Neoceocephalus punctatus **sp. n.** Congo p. 287, DAMOISEAU Rev. Zool. Bot. afr. **63.**

Oncodemerus costipennis Fairm. (= *fairmairei* Muiz.) from *Cyphagogous*; *sennai* **n. n.** for *cost.* Senna nec Fairm. p. 206, QUENTIN Bull. Soc. ent. Fr. **66.**

Opisthozemius Kolbe (= *Acidotus* De Muiz.) p. 7; *appendiculatus* Klb. (= *honestus* Kleine); *vittatus* Klb. (= *A. hautmanni* De Muiz.) p. 5 figs., DAMOISEAU Bull. Inst. Sci. nat. Belg. **37** no. 37.

Paramegalosebus kolbei Kleine (= *Microsebus compressithorax* Senna) p. 19, DAMOISEAU t.c.

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Pseudoparagogus longitarsis **sp. n.** Congo p. 281, DAMOISEAU Rev. Zool Bot. afr. **63.**

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Rhytidopterus Kleine a good gen. not syn. of *Caenosebus*; catalogue of spp. p. 19 fig., DAMOISEAU Bull. Inst. Sci. nat. Belg. **37** no. 37.

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Anthribidae from Garamba National Park, WOLFRUM Explor. Parc nat. Garamba Miss. de Saeger 1949–1952 fasc. 19: 7–18.

Anhelita brevipes **sp. n.** Madagascar p. 298, WOLFRUM Ent. Arb. **12.**

Apatenia mesostigma **sp. n.** Madagascar p. 306, WOLFRUM t.c.

Caranistes griseatus **sp. n.** Madagascar p. 322, WOLFRUM t.c.

Clavidesmus columbianus **sp. n.** Colombia p. 335, BREUNING Ent. Arb. **12.**

Cleranthribus dyschirioides **sp. n.** Madagascar p. 323, WOLFRUM Ent. Arb. **12.**

Derographium peniculosum **sp. n.** Madagascar p. 319, WOLFRUM t.c.

Diastatopropis striatus **sp. n.** Madagascar p. 305, WOLFRUM t.c.

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Goniocloeus bimaculatus Oliv. (= *Tropideres barberi* Oliv.) p. 34, VALENTINE Coleopt. Bull. **15.**

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Homonoea albopunctata **sp. n.** Mindanao I. p. 145, BREUNING Ent. Arb. **12.**

Hyagnis tuberculipennis **sp. n.** Malacca p. 25, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.—*H. chinensis* **sp. n.** China p. 317, BREUNING Mitt. zool. Mus. Berlin **37.**

Hyllisia conradti **sp. n.** Fernando Po p. 321, BREUNING t.c.—*H. flavovittata* **sp. n.** Abyssinia p. 155, BREUNING Ent. Arb. **12.**

Hyperplatys maculata p. 1011, *aspersa* p. 1012 early stages figs., GARDINER Canad. Ent. **93.**

Inermaegocidnus **gen. n.** (nr. *Mimostenellipsis*), *elongatus* **sp. n.** New Guinea p. 40, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.

Insulaepraonetha **subgen. n.** (type *insularis* Breun.) see *Pterolophia.*

Insulochamus **gen. n.** for *Monochamus thomensis* Jord. (type), *annobonae* Auriv., *fulvisparsus* Gah. (key p. 89) p. 88, DILLON, L. S. & E. S. Bull. Brit. Mus. (Nat. Hist.) Ent. **11.**

Ischioplites yorkensis **sp. n.** York I. p. 148, BREUNING Ent. Arb. **12.**

Jeanvoinea borneensis **sp. n.** Borneo p. 311, BREUNING Mitt. zool. Mus. Berlin **37.**

Jordanoleiopus (*Polymitoleiopus*) *abyssinicus* **sp. n.** Abyssinia p. 38, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.

Lamia nubifer, ruspator see *Ethiopiochamus.*

Lepturdrys **gen. n.** (nr. *Lepturges*) p. 47, *novemlineata* **sp. n.** Brazil p. 48 fig., GILMOUR Acta biol. venez. **3** 1960.

Lepturges (*L.*) *pallisteri* **sp. n.** Mexico p. 335 fig., GILMOUR An. Inst. Biol. Univ. Méx. **31.**

Lepturguncus **gen. n.** (nr. *Lepturges*) p. 347, (*L.*) *mirificus* (type) Brazil, p. 348, (*Chaeturguncus* **subg. n.** 350) *vittulatus* Fr. Guiana p. 351 **spp. n.** figs., GILMOUR Stud. Ent. (N.S.) **4.**

Macropraonetha **gen. n.** for *Desisa pterolophioides* Gress. p. 542, BREUNING Bull. Mus. Hist. nat. (2) **32.**

Melanauster perroudi see *Anoplophora malasiaca*; *glabripennis laglaisei* see *A. g.*

Melanopenthea **subgen. n.** (type *melanosticta* Pasc.) see *Penthea.*

Melzerella costalimai **sp. n.** Venezuela p. 263 fig., CAMPOS SEABRA Pap. Dep. Zool. Sec. Agric. **14.**

Mesechthistatus furciferus Bates from *Parechthistatus* p. 49 fig., OHBAYASHI Ent. Rev. Jap. **12.**

Mesiphiastus (*Pubiphiastus* **subgen. n.**) p. 545, BREUNING Bull. Mus. Hist. nat. (2) **32.**

Mesosa (*Aphelocnemia*) *laosensis* **sp. n.** Laos p. 3, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.—*M.* (*Saimia*) *vagemarmorata* **sp. n.** Tonkin p. 312, BREUNING Mitt. zool. Mus. Berlin **37.**

Metallyra spinipennis **sp. n.** Togo p. 308, BREUNING t.c.—*M. rufotibialis* **f. n.** *atricornis* Congo p. 326, BREUNING Ent. Arb. **12.**

Miaena papuana **sp. n.** New Guinea p. 39, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.

Microcycos coomani see *Nanohammus aberrans.*

Mimaeschopalaea **gen. n.** (nr. *Rondibilis*) p. 31, *ornata* **sp. n.** India p. 32, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.

Mimapomecyna biplagiatipennis **sp. n.** Madagascar p. 177, BREUNING Bull. Mus. Hist. nat. (2) **33.**

Mimexocentroides **gen. n.** (nr. *Exocentrus*), *nitidus* **sp. n.** Tonkin p. 338, BREUNING Ent. Arb. **12.**

Mimillaena semiobscura **sp. n.** New Caledonia p. 61 fig., HAYASHI Bull. Osaka Mus. nat. Hist. no. 13.

Mimohomonoea **gen. n.** (nr. *Sormida*), *hebridarum* **sp. n.** New Hebrides p. 30, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.

Mimonemophas **gen. n.** (Agniini), *quadrifasciatus* **sp. n.** Tonkin p. 310 fig., BREUNING Mitt. zool. Mus. Berlin **37.**

Mimoropica papuana **sp. n.** New Guinea p. 27, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.

Mimospiniscapus tonkineus see *Pterolophia spiniscapus.*

Mimosybra gebeensis **sp. n.** Gebeh I. p. 545, BREUNING Bull. Mus. Hist. nat. (2) **32.**—*M. continentalis* **sp. n.** N. Australia p. 152, BREUNING Ent. Arb. **12.**

Mimothestus delkeskampi **sp. n.** China p. 311, BREUNING Mitt. zool. Mus. Berlin **37.**

Mispila (*M.*) *papuana* **sp. n.** New Guinea p. 19, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.

Monochamus foveatus **sp. n.** Yunnan p. 142, BREUNING Ent. Arb. **12.**—*M. conradti* **sp. n.** Cameroons p. 310, BREUNING Mitt. zool. Mus. Berlin **37.**—*M. griseoplagiatus, murinus, irrorator, cinerescens, scobiosus, ruficornis, centralis, plumbeus, nubilosus, ochraceomaculatus* see *Ethiopiochamus*; *nyassensis, proximus, pannulatus* see *Neochamus*; *thomsoni, marshalli* see *Parochamus*; *cribrosus* see *Cribrochamus*; *thomensis, annobonae, fulvisparsus* see *Insulochamus*; *nigrofasciatus, balteatus, adamitus* see *Quasiochamus*; *basimaculata* see *Acalolepta.*

Monoxenus (*Dityloderus*) *kaboboanus* **sp. n.** Congo p. 250, BREUNING Rev. Zool. Bot. afr. **63.**

Montesia bosqi **sp. n.** Peru p. 264 fig., CAMPOS SEABRA Pap. Dep. Zool. Sec. Agric. **14.**

Morimus sexmaculipennis **sp. n.** Malacca p. 309, BREUNING Mitt. zool. Mus. Berlin **37.**

Mystrocnemis allardi **sp. n.** Congo p. 255, BREUNING Rev. Zool. Bot. afr. **63.**

Nanohammus aberrans Gah. (= *Microcycos coomani* Pic) p. 2, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.

Nanustes **gen. n.** (allied to *Eugamandus*) p. 43, *fuchsi* **sp. n.** Brazil p. 45 fig., GILMOUR Acta biol. venez. **3** 1960.

Neochamus **gen. n.** for *Monohamus nyassensis* Gah. (type), *proximus* Breun. (a subsp. of *n.*), *p. pannulatus* Qued. p. 75; *thoas* p. 80, *pheretes* **spp. n.**; *n.* **subsp. n.** *gazensis* p. 78 S. Rhodesia; *pann.* **subsp. n.** *gilmouri* Tanganyika p. 80, DILLON, L. S. & E.S. Bull. Brit. Mus. (Nat. Hist.) Ent. **11.**

Neoischnolea **gen. n.** (nr. *Driopea*) p. 319, *papuana* **sp. n.** New Guinea p. 320 fig., BREUNING Mitt. zool. Mus. Berlin **37.**

Neoptychodes trilineatus L. (= *Ptychodes fairmairei* Thoms.) p. 2, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.

Neosybra fuscofasciata **sp. n.** Tanganyika p. 247, BREUNING Ent. Arb. **12.**

Niphona crampeli **sp. n.** Fr. Equat. Africa p. 245, BREUNING t.c.—*N.* key to Afr. spp. p. 738; *gracilior* **sp. n.** Congo p. 741 fig., BREUNING Bull. Inst. franç. Afr. noire (A) **23.**—*N. celebensis* **sp. n.** Celebes p. 6, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.—*N.* (*N.*) *dessumi* **sp. n.** Annam p. 538, BREUNING Bull. Mus. Hist. nat. (2) **32.**

Niphoparmena (*Trichoparmena*) *marmorata*, (*T.*) *elongatipennis* **spp. n.** Uganda p. 141, BREUNING Ent. Arb. **12.**

Niphotragulus key to Afr. spp. p. 755; *leonensis* **sp. n.** Sierra Leone p. 757; *batesi* **var. n.** *biapicatus* Tanganyika p. 756 fig., BREUNING Bull. Inst. franç. Afr. noire (A) **23.**—*N. delkeskampi* **sp. n.** Cameroons p. 316, BREUNING Mitt. zool. Mus. Berlin **37.**

Nitocris (*N.*) *togoensis* **sp. n.** Togo p. 327, BREUNING t.c.

Nonyma (*N.*) *unicolor* **sp. n.** Cameroons p. 35, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.

Notocorrhenes freyi **sp. n.** N. Australia p. 150, BREUNING Ent. Arb. **12.**

Notomulciber celebensis **sp. n.** Celebes p. 313, BREUNING Mitt. zool. Mus. Berlin **37.**

Nupserha tessmanni **sp. n.** Uam; *vanrooni* **ff. n.** *fuscomaculata, holoflavipennis* p. 301, *medionigripennis*; *homeyeri* **f. n.** *rufooccipitalis* Tanganyika; *taliana* **varr. n.** *partefuscifrons, latediscalis* Yunnan; *ustulata* **subsp. n.** *palawanensis* Palawan Is.; *clypealis* **subsp. n.** *formosana* Formosa p. 300; *apicata* **f. n.** *erithreensis* Eritrea p. 326; *vitticollis* **f. n.** *nyassana* Nyasaland; *flavonotum* **f. n.** *occidentale*; *convergens* **f. n.** *uamensis* Cameroons p. 327, BREUNING t.c.—*N. subpuncticollis* **sp. n.** (with **f. n.** *rufoapiciventris* p. 43) India p. 42, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.—*N. testaceipes* **f. n.** *unicoloricornis* China; (*Cicatrinitocoris*) *argyrostigma* **subsp. n.** *transvaalica* Transvaal p. 342, BREUNING Ent. Arb. **12.**—*N. conradti* **f. n.** *atroabdominalis* Tanganyika p. 451, BREUNING t.c.—*N. apicata* **f. n.** *nigroampliatipennis* Congo p. 60, BREUNING Explor. Parc nat. Garamba Miss. de Saeger 1949–1952 fasc. 21.

Nyssocarinus **gen. n.** (similar to *Nyssodrys*) p. 51, *vittatus* **sp. n.** Brazil p. 52 fig., GILMOUR Acta biol. venez. **3** 1960.

Nyssocuneus **gen. n.** (allied to *Nyssodrys*) p. 55, *heyrovskyi* **sp. n.** Brazil p. 57 fig., GILMOUR t.c.

Nyssodrysternum **gen. n.** (nr. *Nyssodrysina*) p. 59, *fasciatum* **sp. n.** Brazil p. 61 fig., GILMOUR t.c.

Obages tuberculipennis **sp. n.** Malacca p. 140, BREUNING Ent. Arb. **12.**

Oberea nigriventris **f. n.** *nobuoi* Japan p. 20, OHBAYASHI Ent. Rev. Jap. **13.**—*O. subviperina* **sp. n.** Philippines p. 15 fig., BREUNING Abh. Mus. Tierk. Dresden (Ent.) **25** 1960.—*O. tricoloricornis* **sp. n.** Cameroons p. 43, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.

Obereopsis kankauensis **f. n.** *trimaculicollis* Formosa p. 44, BREUNING t.c.—*O. togoensis* p. 303, *basirufipennis* Togo, *tessmanni* Cameroons, *mausoni* Tonkin p. 328, *parvula* **spp. n.**; *rufa* **f. n.** *fuscicornis* Spanish Guinea p. 304; *medana* **f. n.** *obscurior* Sumatra; *nigripes* **f. n.** *basimaculicollis* China; *maculithorax* **f. n.** *fuscithorax* Formosa p. 305, BREUNING Mitt. zool. Mus. Berlin **37.**—*O. apicalis* **f. n.** *biabdominalis* Congo p. 61, BREUNING Explor. Parc nat. Garamba Miss. de Saeger 1949–1952 fasc. 21.—*O. sublinearis* **sp. n.** Natal p. 450; *minima* **f. n.** *haafi* Tanganyika p. 451, BREUNING Ent. Arb. **12.**

Ophthalmemeopedus **gen. n.** (nr. *Emeopedus*) p.323, *macrophthalmus* **sp. n.** Philippines p. 324 fig., BREUNING Mitt. zool. Mus. Berlin **37.**

Oreodera (*O.*) *kahli* ♀ p. 532, ZAJCIW Stud. Ent. (N.S.) **4.**

Ornatodesisa **gen. n.** (Pteropliini) p. 18, *pulchra* **sp. n.** Brazil p. 19, BREUNING Pesquisas (Zool.) no. 9.

Ostedes subdentata **sp. n.** China p. 249, BREUNING Ent. Arb. **12.**

Othelais subtesselata **sp. n.** Philippines p. 12, BREUNING Abh. Mus. Tierk. Dresden (Ent.) **25** 1960.

Ovalopraonetha **subgen. n.** (type *ovalis* Breun.) see *Pterolophia.*

Oxyhammus scutellaris Kolbe (= *simplex* Auriv.); *kolbei* **n. n.** for *scutellaris* Breun. nec Kolbe; *zanguebaricus* **sp. n.** Tanganyika p. 537, BREUNING Bull. Mus. Hist. nat. (2) **32.**

Palausybra hachijoensis **sp. n.** Japan p. 22 fig., HAYASHI Ent. Rev. Jap. **13.**

Pangalaia wissmanni **f. n.** *reductemaculata* Congo p. 17, BREUNING & HEYROVSKY Bull. Soc. ent. Mulhouse **1961.**

Parabrimopsis **gen. n.** (nr. *Pseudostixis*), *grossepunctipennis* **sp. n.** Congo p. 249, BREUNING Rev. Zool. Bot. afr. **63.**

Paradocus multifasciculatus **sp. n.** Kenya p. 314, BREUNING Mitt. zool. Mus. Berlin **37.**

Parahathlia **gen. n.** (nr. *Mycerinopsis*), (*P.*) *rotundipennis* **sp. n.** N. Australia p. 154, BREUNING Ent. Arb. **12.**

Paramimoron **subgen. n.** (type *albolateralis* Breun.) see *Pterolophia.*

Paraphloeopsis **gen. n.** (nr. *Phloeopsis*), *papuana* **sp. n.** New Guinea p. 41, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.

Pararondibilis **gen. n.** (nr. *Rondibilis*) *sikkimensis* **sp. n.** Sikkim p. 547, BREUNING Bull. Mus. Hist. nat. (2) **32.**

Paratritania **gen. n.** (nr. *Tritania*), *ochritarsis* **sp. n.** Brazil p. 27 fig., BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.

Paratropidema **gen. n.** (nr. *Tropidema*), *ochreithorax* **sp. n.** New Guinea p. 33 fig., BREUNING t.c.

Parechthistatus gibber **subsp. n.** *tsushimanus* Japan; *g. g.*, *g. longicornis* distinguishing characters p. 49, OHBAYASHI Ent. Rev. Jap. **12.**—*P. furciferus* see *Mesechthistatus.*

Parepilysta (*Striatepilysta*) *medioalbosignata* **sp. n.** Philippines p. 7 fig., BREUNING Abh. Mus. Tierk. Dresden (Ent.) **25** 1960.—*P.* (*Spinepilysta*) *borneana* **sp. n.** Borneo p. 152, BREUNING Ent. Arb. **12.**—*P.* (*Spinepilysta*) *ochreoguttata* **sp. n.** Java p. 246, BREUNING t.c.—*P.* (*P.*) *wiedenfeldi* **sp. n.** New Guinea p. 318, BREUNING Mitt. zool. Mus. Berlin **37.**

Parochamus **gen. n.** for *Monochamus thomsoni* Chevr. (type), *marshalli* Breun. p. 83; *t.* **subsp. n.** *buea* Cameroons p. 84, DILLON, L. S. & E. S. Bull. Brit. Mus. (Nat. Hist.) Ent. **11.**

Pelargoderus siporensis **sp. n.** Indonesia p. 3, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.

Penthea (*Melanopenthea* **subgen. n.**) p. 544, BREUNING Bull. Mus. Hist. nat. (2) **32.**—*P.* (*Melanopenthea*) *obscura* **sp. n.** Queensland p. 17, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.

Philicus (*P.*) *discomaculicollis* **sp. n.** Dammer I. p. 314, BREUNING Mitt. zool. Mus. Berlin **37.**

Phloeopsis albomaculata **sp. n.** Fiji Is. p. 40, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.

Phlyarus basirufipennis **sp. n.** Burma p. 249, BREUNING Ent. Arb. **12.**

Phosphorus viresecens **f. n.** *bicolor* Congo p. 251, BREUNING Rev. Zool. Bot. afr. **63.**

Phytoecia (*Blepisanis*) *subdorsata*, (*B.*) *leleupi* (with **subsp. n.** *nigriceps*) **spp. n.** Congo p. 256, BREUNING t.c.—*P.* (*Blepisanis*) *longicollis* p. 305, (*B.*) *fossulata* Kenya, (*B.*) *tessmanni* (with **f. n.** *parteruficollis* p. 308) p. 307, (*B.*) *grossepunctata* **spp. n.**; (*B.*) *orientis* **subsp. n.** *medionigripennis*; (*B.*) *lateralis* **subsp. n.** *medionigriventris* (with **f. n.** *laterinigripennis*) Uam; (*B.*) *rufulescens* **f. n.** *pallidicollis* Transvaal p. 306, BREUNING Mitt. zool. Mus. Berlin **37.**—*P.* (*Blepisanis*) *atrofrontalis* **n. n.** for *atricollis* Breun. 1960 nec 1954; (*B.*) *pseudolatesuturalis* **sp. n.** Uganda p. 44, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.—*P.* (*Helladia*) key to Palaearctic spp. p. 101; *iranica* **sp. n.** Persia p. 100 fig., VILLIERS Entomologiste **16.**

Phytiphora (*Setomopsis* **subgen. n.**) p. 544, BREUNING Bull. Mus. Hist. nat. (2) **32.**

Pilosipraonetha **subgen. n.** (type *pilosipes* Pic) see *Pterolophia.*

Planodes longemaculata **sp. n.** Philippines p. 4 fig., BREUNING Abh. Mus. Tierk. Dresden (Ent.) **25** 1960.

Poecilippe see *Polyacanthia.*

Polyacanthia Montr. (= *Diastamerus* Redt., *Poecilippe* Bates) p. 55, HAYASHI Bull. Osaka Mus. nat. Hist. no. 13.

Principipraonetha **subgen. n.** (type *principis* Auriv.) see *Pterolophia.*

Priscilla brasiliensis **sp. n.** Brazil p. 9, FUCHS Pesquisas (Zool.) no. 12.

Prosoplus (*P.*) *laterinigricollis* Australia p. 14, (*P.*) *mediovittatus* Fergusson I., (*P.*) *imitans* Christmas I. p. 17, (*P.*) *fuscosticticus*, (*P.*) *aluensis*, (*P.*) *similis* p. 15, (*P.*) *bimaculipennis*, (*P.*) *tulagensis* p. 16 Solomon Is. **spp. n.**, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.—*P.* (*P.*) *hebridarum* p. 542, (*P.*) *auberti* Ambrym I., *seriemaculatus* Eramango I. p. 543 **spp. n.**, BREUNING

Bull. Mus. Hist. nat. (2) **32**.—*P.* (*Setoprosoplus*) *luzonicus* p. 5, (*S.*) *schultzei* p. 7 **spp. n.** Philippines figs., BREUNING Abh. Mus. Tierk. Dresden (Ent.) **25** 1960.

Prosopocera (*Alphitopola*) *pseudobella* **sp. n.** Ivory Coast p. 250, BREUNING Ent. Arb. **12**.—*P.* (*Alphitopola*) *bivitticollis* Congo, (*A.*) *haafi* Tanganyika **spp. n.** p. 448, BREUNING t.c.—*P.* (*Alphitopola*) *postscutellaris* **sp. n.** Congo p. 251, BREUNING Rev. Zool. Bot. afr. **63**.—*P.* (*Alphitopola*) *subgracillima* **sp. n.** no locality p. 17, BREUNING & HEYROVSKY Bull. Soc. ent. Mulhouse **1961**.

Psathyrus apiceniger **sp. n.** Cameroons p. 1, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.—*P. fuscoapicalis* **sp. n.** Cameroons p. 309, BREUNING Mitt. zool. Mus. Berlin **37**.

Pseudestoloides **gen. n.** (nr. *Estoloides*) p. 17, *costaricensis* **sp. n.** Costa Rica p. 18, BREUNING & HEYROVSKY Bull. Soc. ent. Mulhouse **1961**.

Pseudeuclea roseolata **sp. n.** Sumatra p. 7, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.

Pseudipochira keyensis **sp. n.** Key Is. p. 37 fig., BREUNING t.c.

Pseudocalamobius japonicus **subsp. n.** *tsushimae* Japan p. 156, BREUNING Ent. Arb. **12**.

Pseudocentruropsis **gen. n.** (nr. *Sybrocentrura*) p. 35, *flavosignata* **sp. n.** Ceylon p. 36, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.

Pseudocharies thes nobilis **f. n.** *nigroreductipennis* Cameroons p. 536, BREUNING Bull. Mus. Hist. nat. (2) **32**.

Pseudochoeromorpha vagemarmorata **sp. n.** Tonkin p. 312, BREUNING Mitt. zool. Mus. Berlin **37**.

Pseudomulciber **gen. n.** (Homonoeini) p. 145, *salomonum* **sp. n.** Rennell I. p. 146, BREUNING Ent. Arb. **12**.

Pseudonitocris **gen. n.** (Saperdini), *nigricollis* **sp. n.** Cameroons p. 303 fig., BREUNING Mitt. zool. Mus. Berlin **37**.

Pseudononyma **gen. n.** (nr. *Paranonyma*) p. 181, *impunctipennis* **sp. n.** Madagascar p. 182, BREUNING Bull. Mus. Hist. nat. (2) **33**.

Pseudopothyne **gen. n.** (nr. *Pothyne*) p. 10, *luzonica* **sp. n.** Philippines p. 11 fig., BREUNING Abh. Mus. Tierk. Dresden (Ent.) **25** 1960.

Pseudoprophata **gen. n.** for *Abryna newmanni* Westw., *Aprophata puncticornis* Hell. p. 539, BREUNING Bull. Mus. Hist. nat. (2) **32**.

Pseudopsacothea lineata see *Epepeotes uncinatus*.

Pseudorsidis see *Dohertyorsidis*.

Pterolophia (*P.*) *truncata* Cameroons, (*P.*) *albovitticollis* Sumatra p. 8, (*P.*) *yayeyamai* Japan, (*P.*) *biannulicornis* p. 9, (*Ale*) *ornatipennis* p. 11 New Guinea, (*Lychosis*) *bicolor* Assam p. 14, (*A.*) *biplagiaticollis* p. 10, (*A.*) *tugelensis* p. 11, (*A.*) *tricoloripennis* p. 12, *prosoploides* p. 13 **spp. n.**; (*A.*) *papuana* **f. n.** *nigrohumeralis* p. 12 Solomon Is.; (*P.*) *jacta* **f. n.** *negrosensis* Philippines p. 10, BREUNING Bull. Inst. Sci. nat. Belg. **37** no. 20.—*P.* key to Afr. subgenn. & spp. pp. 758–765; *microphthalma* p. 1066, *fortescapa* p. 1067 Natal, *kenyana* Kenya p. 1079, *nigroscutellata* p. 1083, *subnigrosparsa* p. 1085 Tanganyika, *collarti* p. 1065 **spp. n.**; *lichenea* **var. n.** *griseoreducta* p. 780 Congo; *medioplagiata* **var. n.** *nyassana* Nyasaland p. 1056; *pseudocaudata* **n. n.** for *caudata* Auriv. preocc. p. 775 fig., BREUNING Bull. Inst. franç. Afr. noire (A) **23**.—*P.* (*Paramimoron*, *Armatopraonetha* p. 539, *Pilosipraonetha*, *Sordidopraonetha*, *Villosopraonetha*, *Trichopraonetha*, *Annobonaepraonetha* p. 540, *Insulaerepraonetha*, *Principipraonetha*, *Gibbopraonetha*, *Canopraonetha*, *Scapopraonetha*, *Ovaloprae netha* p. 541, *Undulatopraonetha*, *Sociopraonetha* p. 542 **subgenn. n.**); *spiniscapus* Breun. (= *Mimospiniscapus tonkineus* Pic) p. 541; *variabilis* **f. n.** *clara* Ternate I. p. 539, BREUNING Bull. Mus. Hist. nat. (2) **32**.—*P.* (*P.*) *nigrolineaticollis*, (*Ale*) *pendleburyi* p. 148, (*A.*) *longulipennis* p. 149 Malacca, (*Chaetostigme*) *lychrosoides* N. Australia p. 150 **spp. n.**, BREUNING Ent. Arb. **12**.—*P.* (*Hylobrotus*) *sumbawensis* **sp. n.** Sumbawa p. 246, BREUNING t.c.—*P.* (*P.*) *rugulosa* Cameroons, (*P.*) *sparsepuncticollis* p. 315, (*P.*) *subnigrosparsa* p. 316 Tanganyika **spp. n.**, BREUNING Mitt. zool. Mus. Berlin **37**.—*P.* (*P.*) *schultzei* **sp. n.** Philippines p. 5 fig., BREUNING Abh. Mus. Tierk. Dresden (Ent.) **25** 1960.

Ptychodes fairmairei see *Neoptychodes trilineatus*.

Pubiphiastus **subgen. n.** (type *pubiventris* Pasc.) see *Mesiphiastus*.

Quasiochamus **gen. n.** for *Monochamus nigrofasciatus* Auriv. (type), *balteatus* Auriv., *a. adamitus* Thoms. (key p. 93) p. 92; *a.* **subspp. n.** *balfourbrownei* Senegal, *patriciae* Gold Coast p. 96, DILLON, L. S. & E. S. Bull. Brit. Mus. (Nat. Hist.) Ent. **11**.

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Rhodopsis fruhstorferi **sp. n.** Tonkin p. 313, BREUNING Mitt. zool. Mus. Berlin **37**.

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Dibolia spp. of Africa (key p. 102) pp. 101–103; *mujinga* p. 102, *kaziba*, *andraea* p. 103 **spp. n.** Congo, BECHYNÉ Explor. Parc nat. Upemba Miss. de Witte 1946–1949 (1959) 1960 fasc. 59.

Disonycha helanea **sp. n.** Brazil p. 426, BECHYNÉ & SPRINGLOVÁ DE BECHYNÉ Stud. Ent. (N.S.) **4.**

Epitrix aethiopica **subsp. n.** *major* Congo p. 84, BECHYNÉ Explor. Parc nat. Upemba Miss. de Witte 1946–1949 (1959) 1960 fasc. 59.

Eutornus taeniatus Lab. (= *vittatus* Bry.) p. 108, BECHYNÉ t.c.

Fractipes secundus **sp. n.** Brazil p. 428 fig., BECHYNÉ & SPRINGLOVÁ DE BECHYNÉ Stud. Ent. (N.S.) **4.**

Gabonia serena p. 44, *sexualis* p. 45, *kaswabilenga*, *oxypoda* p. 46, *fracta* p. 47, *lerma* p. 48, *suspecta*, *carinulata* p. 49, *pnirsa*, *clypeata* p. 50, *politula*, *opaconigra* p. 51 **spp. n.** Congo fig., BECHYNÉ Explor. Parc nat. Upemba Miss. de Witte 1948–1949 (1959) 1960 fasc. 59.

Graptodera flavicornis see *Sphaeraltica*.

Heikertingerella tomentosa **sp. n.** Brazil p. 424, BECHYNÉ & SPRINGLOVÁ DE BECHYNÉ Stud. Ent. (N.S.) **4.**

Hemipyxis shirakii **sp. n.**; *balyi* **subsp. n.** *okinawana* Okinawa Is. p. 108, NAKANE & KIMOTO Kontyû **29.**

Hespera mukana p. 41, *lualaba* p. 42, *bechuana*, *kankunda* (*desaegeri* compared) p. 43, *lufwa* p. 44 **spp. n.** Congo, BECHYNÉ Explor. Parc nat. Upemba Miss. de Witte 1946–1949 (1959) 1960 fasc. 59.

Kanonga **gen. n.** (allied to *Gabonia*), *atra* **sp. n.** Congo p. 54 fig., BECHYNÉ t.c.

Kenialtica **gen. n.** for *Aphthona muhavura* Bech. (type), *soucheti* Bech.; *bipartita* p. 75, *collarti* (in note), *mubalensis* p. 76, *ocularia* p. 77 **spp. n.** Congo, BECHYNÉ t.c.

Lipromorpha difficilis **subsp. n.** *loochooana* Japan p. 89, CHÛJO Publ. ent. Lab. Coll. Agric. Univ. Osaka no. 6.

Longitarsus spp. of Africa (key p. 55) pp. 55–67; *kabwekanonensis*, *adami* p. 58, *mukanensis* p. 59, *idiochromus*, *pyritarsis* p. 60, *mabwensis*, *lubangensis* p. 61, *lusinganus*, *conitarsis* p. 62, *kanonganus*, *kilweziensis* p. 63, *upembensis*, *aspros* p. 64, *pantoxus*, *dorus*, *pelengensis* p. 65, *janssensi*, *yulus*, *bullatus* p. 66, *lufwanus* p. 67 **spp. n.** Congo, BECHYNÉ Explor. Parc nat. Upemba Miss. de Witte 1946–1949 (1959) 1960 fasc. 59.—*L. tokaranus* **sp. n.** Takarajima I. (Japan) p. 77, NAKANE & KIMOTO Bull. Osaka Mus. nat. Hist. no. 13.

Manobia gressitti **sp. n.** Loochoo Is. (Japan) p. 106, NAKANE & KIMOTO Kontyû **29.**

Mantura dichotomic key to spp. of Spain & Morocco pp. 54–56; *burlinii* **sp. n.** Morocco p. 51 figs., CODINA PADILLA Graellsia **19.**

Mediafra **gen. n.** for *Aphthona muhavura* Bech. p. 266 (in key) fig., SCHERER Ent. Arb. **12.**

Monodaltica simplex p. 72, *clavicornis* p. 73 **spp. n.** Congo, BECHYNÉ Explor. Parc nat. Upemba Miss. de Witte 1946–1949 (1959) 1960 fasc. 59.

Montiaphthona **gen. n.** (Halticinae) p. 282 (in key), *monticola* **sp. n.** Tanganyika p. 285 figs., SCHERER Ent. Arb. **12.**

Nisotra laboissierei **sp. n.** (*melanopa* compared p. 90) p. 89; *m.* **subsp. n.** *semipolita* p. 90 Congo, BECHYNÉ Explor. Parc nat. Upemba Miss. de Witte 1946–1949 fasc. 59 (1959) 1960.

Oedionychis motschulskyi see *Capraita*.

Oedionychites **subfam. n.** for Oedionychini & Monoplatini p. 40, BECHYNÉ Explor. Parc nat. Upemba Miss. de Witte 1946–1949 (1959) 1960 fasc. 59.

Orthocrepis kaswabilenga, *wittei* **spp. n.** Congo p. 81, BECHYNÉ t.c.

Phygasia globicollis p. 82, *melanoxantha* (*kraatzi* compared) p. 83 **spp. n.** Congo, BECHYNÉ t.c.

Phyllotreta discophora **sp. n.** Armenia p. 152 fig., IABLOKOV-KHNZORIAN Notul. ent. **40.**—*P. ustulata* **sp. n.** Tadzhikistan pp. 144, 146, LOPATIN Ent. Obozr. **40.**

Phyllotrupes tenuelimbatus **sp. n.** Brazil p. 425, BECHYNÉ & SPRINGLOVÁ DE BECHYNÉ Stud. Ent. (N.S.) **4.**

Physonychis kankunda **sp. n.** Congo p. 109 fig., BECHYNÉ Explor. Parc nat. Upemba Miss. de Witte 1946–1949 (1959) 1960 fasc. 59.

Podagrica lupiala p. 84, *mabwensis* (key to spp.-group) p. 85, *lubanga*, *kamitunguluna*, *aralina* p. 86, *distortella*, *approximans* p. 87, *senzensis* p. 88 **spp. n.** Congo, BECHYNÉ t.c.

Psylliodes agropyri **sp. n.** (place in key p. 391) Europ. Russia p. 390, PALII Ent. Obozr. **40.**—*P. angusticollis* **subsp. n.** *loochooana* Japan p. 90, CHÛJO Publ. ent. Lab. Coll. Agric. Univ. Osaka no. 6.

Sanckia (*Eugonotes*) *kenia* **sp. n.** Congo p. 55, BECHYNÉ Explor. Parc nat. Upemba Miss. de Witte 1946–1949 (1959) 1960 fasc. 59.

Sphaeraltica **gen. n.** for *Graptodera flavicornis* Baly (type) p. 84; *berberii* **sp. n.** Japan p. 87 figs., OHNO Bull. Dept. lib. Arts, Toyo Univ. no. 2.

Sphaeroderma onerosum, *collucens* p. 106, *nigrorubrum* (*apicatum* compared) p. 107, *paribanum*, *infumatum* p. 108 **spp. n.** Congo, BECHYNÉ Explor. Parc nat. Upemba Miss. de Witte 1946–1949 (1959) 1960 fasc. 59.

Terpnochlorus janssensi **sp. n.** (*perrieri* ♀ compared) Congo p. 101 (from Galeruc.), BECHYNÉ Explor. Parc nat. Upemba Miss. de Witte 1946–1949 (1959) 1960 fasc. 59.

Trachyaphthona Heikrt. (= *Zipangia* Heikrt.) p. 73; key to spp. p. 74; *obscura* Jac. p. 79, *l. lewisi* Jac. p. 81, *suturalis* Chen p. 83 from *Zipangia*; *n. nigrita* **sp. n.** (with **subsp. n.** *maebarai* p. 79) p. 77; *l.* **subsp. n.** *amamiana* p. 83 Japan figs., OHNO Bull. Dept. lib. Arts, Toyo Univ. no. 2.

Upembaltica **gen. n.** (allied to *Gabonia*), *scolytina* **sp. n.** Congo p. 53 fig., BECHYNÉ Explor. Parc nat. Upemba Miss. de Witte 1946–1949 (1959) 1960 fasc. 59.

Zipangia picea **sp. n.** Nakanoshima I. (Japan) p. 76, NAKANE & KIMOTO Bull. Osaka Mus. nat. Hist. no. 13.—*Z.* see *Trachyaphthona*; *obscura*, *lewisi*, *suturalis* see *T.*

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Aulacophora lewisii Baly (= *cattigarensis* Weise) p. 19, NAKANE & KIMOTO Kontyû **29.**

Calomicrus amamiensis **sp. n.** Loochoo Is. (Japan) p. 19 fig., NAKANE & KIMOTO t.c.

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Chthoneis naviensis **sp. n.** Brazil p. 421 figs., BECHYNÉ & SPRINGLOVÁ DE BECHYNÉ Stud. Ent. (N.S.) **4.**

Corynocesta anicohi **sp. n.** Brazil p. 415 figs., BECHYNÉ & SPRINGLOVÁ DE BECHYNÉ t.c.

Diorhabda elongata **subsp. n.** *deserticola* China p. 435, CHEN Acta ent. sinica **10.**

Eucerotoma varicornis F. (= *Cerotoma heterocera* Baly) p. 422, BECHYNÉ & SPRINGLOVÁ DÉ BECHYNÉ Stud. Ent. (N.S.) **4.**

Galeruca (*Issikia* **subgen. n.** p. 87), *issikii* **sp. n.** Japan p. 86 fig., CHÛJO Publ. ent. Lab. Coll. Agric. Univ. Osaka no. 6.

Geinula antennata **sp. n.** China p. 435, CHEN Acta ent. sinica **10.**

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Luperus (*Calomicrus*) spp. of Morocco (key p. 77) pp. 69–77; (*C.*) *paráoi* p. 70, (*C.*) *kocheri* p. 75 **spp. n.** Morocco figs., CODINA PADILLA Graellsia **19.**

Monolepta chujoi **sp. n.** Loochoo Is. (Japan) p. 20 fig., NAKANE & KIMOTO Kontyû **29.**

Pyesia bicellii **sp. n.** Brazil p. 420, BECHYNÉ & SPRINGLOVÁ DE BECHYNÉ Stud. Ent. (N.S.) **4.**

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Terpnochlorus transferred to Halticidae, q.v.

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Papuan-West Polynesian Hispine beetles (key to tribes p. 3, keys to adults & larvae; Cryptonychini key to genn. p. 8), GRESSITT 1960 Pacif. Ins. **2:** 1–90, 24 figs.

Hispine beetles from New Caledonia (key to genn. (adults, larvae) pp. 103–104), GRESSITT 1960 Pacif. Ins. **2:** 101–121, 2 figs.

Hispinae from Mus. G. Frey (further distribution), UHMANN Ent. Arb. **12:** 502–510, 2 figs.

Hispinae from Parc nat. Garamba (suppl.: Mus. Frey exped. to Nigeria-Cameroons 1955–1956 (Bechyné) pp. 80–93, Eisentraud Cameroon exped. 1957–1958 p. 94), UHMANN Explor. Parc nat. Garamba Miss. de Saeger fasc. **24:** 15–109, 17 figs. (incl. 2 maps).

Hispinae from different continents, UHMANN Pesquisas (Zool.) no. 10: 5–51.

Agonita parallela **sp. n.** Garamba p. 27, UHMANN Explor. Parc nat. Garamba Miss. de Saeger fasc. **24.**

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Aspidispa key to adults; *palmella* **sp. n.** New Guinea p. 85 figs., GRESSITT Pacif. Ins. **2** 1960.

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Cephaloleia steinhauseni **sp. n.** (with **chr. n.** *musae* p. 16) Colombia p. 15, UHMANN Pesquisas (Zool.) no. 10.

Ceratispa keys to adults & larvae pp. 31, 32; *legalis* New Britain p. 33, *brandti* p. 34, *normanbyensis* p. 35 Normanby I., *pinangae* Biak I. p. 37, *palmivora* p. 38, *calami* p. 39 New Guinea **spp. n.** figs., GRESSITT Pacif. Ins. **2** 1960.

Chaeridiona tuberculata **sp. n.** S. India p. 45 fig., UHMANN Pesquisas (Zool.) no. 10.

Cyperispa key to adults p. 66, to larvae; *thoracostachyi* **sp. n.** p. 67; *scleriae* **subsp. n.** *malaitensis* p. 68 Solomon Is. figs., GRESSITT Pacif. Ins. **2** 1960.

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Dicladispa haafi **sp. n.** E. Africa p. 505, UHMANN t.c.—*D. densa* Nigeria p. 87, *freyi* S. Afr. p. 90, *desaegeri* p. 49, *palmata* p. 55 **spp. n.**; *kivuensis* **f. n.** *humeropicta* p. 53

Garamba fig., UHMANN Explor. Parc nat. Garamba Miss. de Saeger fasc. **24.**

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Freycinetispa **gen. n.** (*Promecotheca* compared), *collinsi* **sp. n.** Solomon Is. p. 71 fig., GRESSITT t.c.

Gonophora (*Micrispa*) key to adults p. 87; (*M.*) *cyperaceae* **sp. n.** Admiralty Is. p. 88 figs., GRESSITT t.c.

Heptachispa **n. n.** for *Heptatoma* Weise nec Mg. p. 876, UHMANN Ann. Mag. nat. Hist. (12) **6** 1953. [*See* Z.R. **90** 1953 No. **3604.**]—*H. concava* Baly, *flavipes* Ws., *pallipes* Chap., *testaceipes* Pic, *vitticollis* Ws. from *Octhispa*; *crassicornis* Chap., *sordidula* Ws. from *Uroplata* p. 510, UHMANN Ent. Arb. **12.**

Hispa serrata F. type discussed (catalogue p. 256) pp. 253–256 fig., UHMANN Ann. Mag. nat. Hist. (13) **4.**

Hispodonta keys to adults & larvae p. 4; *chapuisi* larva p. 4; *metroxylona* New Guinea p. 5, *palmicola* Biak I. p. 6 **spp. n.** figs., GRESSITT Pacif. Ins. **2** 1960.

Leptispa collaris, *magna* **spp. n.** Yunnan pp. 464, 477 figs., CHEN & YU in CHEN, T'AN & YU Acta ent. sinica **10.**

Octhispa monrosi **n. n.** for *diversicornis* Monr. & Viana nec Pic p. 14; *steinhauseni* Honduras p. 21, *villiersi* p. 29, *virgatula* p. 30 Brazil **spp. n.**, UHMANN Pesquisas (Zool.) no. 10.—*O. concava*, *flavipes*, *pallipes*, *testaceipes*, *vitticollis* see *Heptachispa.*

Octodonta maffinensis submature larva p. 11; *korthalsiae* **sp. n.** New Guinea p. 12 figs., GRESSITT Pacif. Ins. **2** 1960.

Oxycephala ruficollis pupa p. 40 fig., GRESSITT t.c.

Palmispa **gen. n.** (Cryptonyehini), *parallela* (type) p. 9, *korthalsivora* p. 10 New Guinea **spp. n.** fig., GRESSITT t.c.

Platypriella **subgen. n.** (type *excisa* Kraatz) see *Dactylispa.*

Plesispa key to adults p. 24, to larvae; *hagenensis* p. 25, *palmarum* p. 29, *montana* **spp. n.** New Guinea; *saccharivora* larva, pupa p. 27 figs., GRESSITT Pacif. Ins. **2** 1960.

Promecotheca key to adults pp. 73–75, to larvae p. 75; *alpinae robusta* larva p. 84; *kolombangara* pupa; *bryantiae* p. 76, *palmella* p. 78 Solomon Is., *freycinetiae* Biak I. p. 79, *palmivora* p. 80, *pandani* p. 82 New Guinea **spp. n.** figs., GRESSITT t.c.

Pseudispella strigella **sp. n.** Garamba p. 67, UHMANN Explor. Parc nat. Garamba Miss. de Saeger fasc. **24.**

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Stephanispa **gen. n.** (*Callistola* compared) p. 111, *freycineticola* (type) p. 113, *cohici* p. 115 **spp. n.** New Caledonia figs., GRESSITT Pacif. Ins. **2** 1960.

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Xenochalepus (*Hemichalepus*) *bicostatus* **chr. n.** *vittata* Brazil p. 9 fig., UHMANN Pesquisas (Zool.) no. 10.

CASSIDIDAE.

Cassidinae from Upemba National Park, SHAW Explor. Parc nat. Upemba Miss. de Witte 1946–1949 fasc. 63: 9–37, 14 figs.

Aethiopocassis manubialis Spaeth (= *Cassida* (*A.*) *maynei* Spaeth, (*A.*) *m. biramosa* Spaeth) p. 33, SHAW Explor. Parc nat. Upemba Miss. de Witte 1946–1949 fasc. 63.

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Capillocassis **gen. n.** (allied to *Trichaspis*) p. 25, *hincksi* **sp. n.** Congo p. 26 figs., SHAW t.c.

Cassida cruenta p. 28, *spartea* p. 31 **spp. n.** Congo figs., SHAW t.c.—*C.* (*Aethiopocassis*) *maynei*, (*A.*) *m. biramosa* see *A. manubialis.*

Cyclocassida **subgen. n.** (type *variabilis* sp. n.) see *Taiwania.*

Cyrtonocassis **gen. n.** (allied to *Taiwania*), *tumidicollis* **sp. n.** Yunnan pp. 446, 451 fig., CHEN & ZIA Acta ent. sinica **10.**

Notosacantha castanea **subsp. n.** *loochooana* Japan p. 91, CHÛJO Publ. ent. Lab. Coll. Agric. Univ. Osaka no. 6.—*N. ginpinensis* pp. 441, 447, *nigrotorsata* pp. 442, 448 **spp. n.** Yunnan figs., CHEN & ZIA Acta ent. sinica **10.**

Taiwania (*Yunocassis*, *Cyclocassida* **subgenn. n.**) pp. 442, 448; (*C.*) *ginpinica*, (*C.*) *uniorbis*, (*C.*) *variabilis* pp. 443, 449, (*T.*) *binorbis* pp. 444, 449, (*T.*) *immaculicollis*, (*T.*) *perplexa* pp. 445, 450, (*T.*) *simauica* pp. 446, 450 **spp. n.** Yunnan figs., CHEN & ZIA t.c.

Yunocassia **subgen. n.** (type *appluda* Spaeth) see *Taiwania.*

HYMENOPTERA.

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Allodapula associata, praesumptiosa **spp. n.** Queensland p. 533 fig., MICHENER Ann. ent. Soc. Amer. **54.**

Ammobates (*Caesarea*) *hellenicus* **sp. n.** Greece p. 720 figs., MAVROMOUSTAKIS Ann. Mag. nat. Hist. (13) **3.**

Andrena (*Diandrena*) *chalybioides* Vier. (= (*Parandrena*) *perchalybea* Vier.) p. 31; (*D.*) *cyanosoma* Ckll. (= (*P.*) *austrocalifornica* Vier.); (*D.*) *macswaini* p. 36, (*D.*) *ablegata* p. 32, (*D.*) *nothocalaidis* p. 33 compared; (*D.*) *olivacea* further description p. 35; (*D.*) *evoluta* p. 33, (*D.*) *apasta* p. 34, (*D.*) *eothina* p. 39, (*D.*) *anatolis* (with **subsp. n.** *matutina* p. 38) p. 36 **spp. n.**; (*D.*) *subchalybea* **subsp. n.** *chlorosoma* p. 32 California, LINSLEY & MACSWAIN Pan-Pacif. Ent. **37.**—*A. yumorum* in subgen. (*Onagrandrena*) p. 128; (*O.*) *prima* returned to subgen. (*Melandrena*) p. 129; (*O.*) *foxii* returned to subgen (*Diandrena*) p. 130; (*O.*) *bernardina* Linsl. a good sp. not subsp. of (*O.*) *omninigra* p. 128; (*O.*) *o.* Vier. (= *grundeli* Linsl.); (*O.*) *anograe* **subsp. n.** *knowltoni* Utah p. 126; (*O.*) *o.* **subsp. n.** *clarkiae* p. 127; (*O.*) *furva* p. 117, (*O.*) *vespertina* p. 123 California, (*O.*) *raveni* p. 118, (*O.*) *chylismiae* p. 121, (*O.*) *nevadae* p. 125 Nevada **spp. n.**, LINSLEY & MACSWAIN t.c.—*A.* (*Brachyandrena*) *subsquamularis* **sp. n.** (*colletiformis* ♀ compared) Bulgaria p. 85 figs., NOSKIEWICZ Polsk. Pismo ent. **30** 1960.—*A. auberti, canosa* **spp. n.** Algeria p. 84, BENOIST Mitt. schweiz. ent. Ges. **34.**

Anthidium megachiliforme see *Duckeanthidium*; *furcatum* see *Hypanthidium*.

Anthophora lists of Spanish & Portuguese spp. pp. 6, 7; key to subgenn. p. 9, keys to spp. pp. 10–18, DE ASSUNÇÃO DINIZ Mem. Estud. Mus. zool. Univ. Coimbra no. 268.

Apis muscaria Fabricius, 1775, plea for addition to Official List of Specific Names in Zoology pp. 201–202, HURD & MICHENER Bull. Zool. Nom. **18.**

Apotrigona **gen. n.** for *Trigona nebulata* Sm. p. 233, MOURE Stud. Ent. (N.S.) **4.**

Austroplebeia **gen. n.** for *Trigona cassiae* Ckll. (type), *essingtoni* Ckll., *australis* Friese, *cincta* Mocs., *cin. percincta* Ckll., *symei* Raym., *cockerelli* Raym., *cock. ornata* Raym., *websteri* Raym. p. 195, MOURE t.c.

Axestotrigona **gen. n.** for *Melipona* (*Trigona*) *ferruginae* Lep. (type) p. 237; *f.* **subsp. n.** *gambiensis* p. 239; *simpsoni* p. 241 Ghana, *dudgeoni* Gambia p. 240 **spp. n.**, MOURE t.c.

Bombus (*Senexibombus*) *kulingensis, tajushanensis* distinguishing characters p. 48; (*S.*) *k.* **f. n.** *quasiflavior*; (*Hortobombus*) *notocastaneus* **sp. n.** China p. 52 figs., TKALCU Acta Soc. ent. Čsl. **58.**—*B.* (*Terrestribombus*) *patagiatus beickianus* worker p. 350; (*Lapidariobombus*) *rufofasciatus, pyrrhosoma* distinguishing characters p. 352; (*Subterraneobombus*) *roborowskyi* further description p. 360; (*L.*) *pyrr.* **f. n.** *flavocorbicularis* p. 353; (*Pyrobombus*) *nikiforuki* p. 354, (*Agrobombus*) *lii* p. 355, (*A.*) *combai* p. 357 **spp. n.** Ching-Hai figs., TKALCU t.c.—*B.* (*Soroeensibombus*) *soroeensis* **f. n.** *ornatus*; (*Hortobombus*) *hortorum* **ff. n.** *quasigrisescens, insolens* p. 55, *padri*; (*H.*) *ruderatus eurynotus* **f. n.** *flavoclypeatus* p. 56 Czechoslovakia, TKALCU Bull. Soc. ent. Mulhouse **1961** [July–August: pages repeated].

Callimelissodes **subgen. n.** (type *lupina* Crssn.) see *Melissodes*.

Centris (*Ptilotopus*) *erythrotricha* **sp. n.** Peru p. 26; (*Melanocentris*) *rufohirta* ♀ further description p. 27, ♂ p. 28, CAMPOS SEABRA & MOURE Rev. bras. Ent. **10.**

Chelostomopsis Ckll. syst. position discussed; *rubiliforis* ♂ genitalia p. 367 figs., POPOV Zool. Zhurn. **40.**

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Coelioxys obtusispina, elongata ♀ distinguishing characters; *o., lanceolata, mandibularis* ♂ distinguishing characters p. 37, BLÜTHGEN NachrBl. bayer. Ent. **10.**

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Emphoropsis miserabilis distinguishing characters of larva p. 684, of pupa p. 686 figs., TORCHIO & STEPHEN Ann. ent. Soc. Amer. **54.**

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Geniotrigona **gen. n.** for *Trigona thoracica* Sm. (type) (= *T. ambusta* Ckll.), *lacteifasciata* Cam., *borneensis* Fr. p. 212, MOURE Stud. Ent. (N.S.) **4.**

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Homotrigona **gen. n.** for *Trigona fimbriata* Sm. (type) (= *T. versicolor* Fr., *Melipona castanea* Bingh.), *anamitica* Fr. p. 200; *lutea* Bingh. (= *T. ferrea* Ckll.), *flavistigma* Cam. (ff. of. *fimbr.*), *aliceae* Ckll. (subsp. of *fimbr.*), *melanotricha* Ckll. (subsp. of *anam.*) from *T.* p. 201, MOURE Stud. Ent. (N.S.) 4.

Hylaeus types of Neotrop. spp. from Vachal collection in Mus. Hist. Nat. Paris (key to spp. groups pp. 4, 16, 33, 53, 67) pp. 1–104; *curtellus* p. 19, *villosellus* p. 25, *vachalianus* (?) p. 44 **spp. n.** Bolivia, MOURE Bol. Mus. Goeldi (N.S.) (Zool.) 1960 no. 27.

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Inquilina **gen. n.** for *Exoneura excavata* Ckll. p. 179 fig., MICHENER J. Kansas ent. Soc. **34.**

Lestis Lepeletier & Serville, 1828, & type *bombylans* Fabricius, 1775, plea for addition to Official Lists pp. 201–202, HURD & MICHENER Bull. zool. Nom. **18.**

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Liotrigona **gen. n.** for *Trigona bottegoi* Maqr. (type), *madecassa* Sauss., *voeltzkowi* Fr. p. 223, MOURE Stud. Ent. (N.S.) **4.**

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Maximegachile **subgen. n.** (type *maxillosa* Guér.) see *Megachile.*

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Meliplebeia **gen. n.** for *Trigona beccarii* Grib. (type); *ogouensis* Vach. p. 229, *africana* Stad., *topiorum* Ckll. (subspp. of *b.*) p. 231, *b. jombenensis* Ckll., *tanganyikae* Strand (a good sp.), *medionigra* (a subsp. of *tan.* not *af.*) p. 232 from *T.*; *gambiana* **sp. n.** Gambia p. 232, MOURE Stud. Ent. (N.S.) **4.**

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Platytrigona **gen. n.** for *Trigona planifrons* Sm. (type), *flaviventris* Fr., *hobbyi* Schw. p. 203, MOURE t.c.

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Prosopis spp. of Hungary, revision & catalogue pp. 143–162, MÓCZÁR Folia ent. hung. (N.S.) **14.**—*P. minutus* see *Dialictus.*

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Saranthidium **subgen. n.** (type *flavopictum* Smith) see *Hypanthidium.*

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Tetragonilla **gen. n.** for *Trigona atripes* Sm. (type), *collina* Sm., *rufibasalis* Ckll. p. 210; *cambodiensis* Ckll., *fuscibasis* Ckll. (subspp. of *coll.*) from *T.* pp. 211, 212, MOURE Stud. Ent. (N.S.) **4.**

Tetragonula **gen. n.** for *Trigona iridipennis* Sm. (type) (= *T. praeterita* Wlk., *T. ruficornis* Sm.) & other spp. p. 206, MOURE t.c.

Tetralonia venusta **sp. n.** (with **subsp. n.** *carinata* p. 212) California p. 209, TIMBERLAKE Pan-Pacif. Ent. **37.**

Tetraloniella excurrens melanaspis see *Melissodes subagilis.*

Tetrigona **gen. n.** for *Trigona apicalis* Sm. (type) (= *T. sericea*) p. 215; *hemileuca* Ckll., *binghami* Schw., *peninsularis* Ckll., *melanoleuca* Ckll. (subspp. of *a.*) from *T.* p. 216, MOURE Stud. Ent. (N.S.) **4.**

Trigona nebulata see *Apotrigona*; *cassiae, essingtoni, australis, cincta, cin. percincta, symei, cockerelli, cock. ornata, websteri* see *Austroplebeia*; *thoracica* (*ambusta, lacteifasciata, borneensis*) see *Geniotrigona*; *fimbriata*

(*versicolor*), *anamitica*, *fimbr. lutea* (*ferrea*), *fimbr. flavistigma*, *fimbr. aliceae*, *anam. melanotricha* see *Homotrigona*; *bottegoi*, *madecassa*, *voeltzkowi* see *Liotrigona*; *scintillans* see *Lisotrigona*; *conifrons* see *Lophotrigona*; *beccarii*, *ogouensis*, *tanganyikae*, *t. medionigra*, *b. africana*, *b. topiorum*, *b. jombenensis* see *Meliplebeia*; *haematoptera* see *Odontotrigona*; *pendleburyi*, *klossi* see *Pariotrigona*; *planifrons*, *flaviventris*, *hobbyi* see *Platytrigona*; *lendliana* see *Plebeiella*; *clypeata*, *zebra* see *Plebeina*; *atripes*, *collina* (& subspp. *cambodiensis*, *fuscibasis*), *rufibasalis* see *Tetragonilla*; *iridipennis* (*praeterita*, *ruficornis*) & other spp. see *Tetragonula*; *apicalis* (*sericea*) (& subspp. *hemileuca*, *binghami*, *peninsularis*, *melanoleuca*) see *Tetrigona*.

Xenoglossodes albertensis see *Melissodes subagilis*.

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Sphecoidea.

Revision of Fabrician Sphecoidea (synonymies, identities), VAN DER VECHT Zool. Verh. no. 48: 1–85, 1 pl.

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Sphecidae of Crete (list), DE BEAUMONT Mitt. schweiz. ent. Ges. **34:** 43–52.

Sphecidae of Iraq (records), DE BEAUMONT Opusc. zool. no. 56: 1–5.

Sphecinae, Pemphredoninae and Crabroninae from Garamba National Park, LECLERCQ Explor. Parc nat. Garamba Miss. de Saeger 1949–1952 fasc. 20: 43–105, 6 figs.

Psenini from Upemba National Park, LECLERCQ Explor. Parc nat. Upemba Miss. de Witte 1946–1949 fasc. 60: 13–36, 12 figs.

Literature on Crabroninae of Japan and Korea, TSUNEKI Life Study **5:** 19–23.

Revision of Hawaiian Crabroninae (keys to genn. & spp.) with synopsis of Hawaiian Sphecidae, YOSHIMOTO 1960 Pacif. Ins. **2:** 301–337, 5 figs.

Ammophila (*Apycnemia* **subgen. n.**) *yarrowi* **sp. n.** (*fallax* compared) Spain p. 211, LECLERCQ Eos **37.**—*A.* (*A.*) *mitlaensis* p. 139, (*Eremochares*) *gibba* p. 140 **spp. n.** Egypt figs., ALFIERI Bull. Soc. ent. Egypte **45.**

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Chlorion Latr. raised to gen. not subgen. of *Sphex* p. 667; review of N. American spp. (key p. 669) pp. 667–669; *boharti* **sp. n.** Mexico; *cyaneum* Dhlb. a distinct sp. not syn. of *aerarium*; *cy.*, *nearcticum*, *occultum* lectotypes p. 667 figs., MENKE Ann. ent. Soc. Amer. **54.**—*C. ciliatum* p. 35, *splendidum* p. 37 further description, VAN DER VECHT Zool. Verh. no. 48.

Crabro bicinctus Fabricius, 1793, plea for suppression pp. 340–341, VAN DER VECHT Bull. zool. Nom. **18.**—*C.* (*C.*) *peltatus* F. (= (*C.*) *rhaeticus* Aich. & Kriechb.) p. 69, VAN DER VECHT Zool. Verh. no. 48.—*C. labiatus* see *Cerceris interrupta*; *sinuatus* see *Ectemnius lapidarius*; *quadricinctus*, *zonatus* see *E. sexcinctus*.

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Dolichurus (*Paradolichurus*) *morelensis* **sp. n.** (*californicus* ♀ compared p. 291) Mexico p. 290, WILLIAMS Proc. ent. Soc. Wash. **63.**

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Psenulus (key to Ethiopian spp. pp. 17–23) pp. 17–35; *paulisae* p. 23, *erusus* p. 26, *ealae* p. 27, *benoiti* p. 29, *lusingae* p. 33, *trevirus*, *ghesquierei*, *nigeriae* p. 34, *avernus* **spp. n.** Congo; *latiannulatus* Cam., *basilewskyi* J. Lec. reduced to subspp. of *capensis*; *c.* Brauns. (= *pauxillus* Arn., *p. laevior* Arn. p. 30) p. 31 figs., LECLERCQ t.c.—*P. garambae* **sp. n.** Congo p. 57, LECLERCQ Explor. Parc nat. Garamba Miss. de Saeger 1949–1952 fasc. 20.—*P. brevitarsis*, *atratus* ♀ distinguishing characters p. 39, BLÜTHGEN NachrBl. bayer. Ent. **10.**

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Stigmus (*Carinostigmus*) *harudus* **sp. n.** Congo p. 61, LECLERCQ t.c.

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Vespoidea.

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Perisierola nigrifemur Ashm. (= *Parasierola bonariensis* Brèth.) from *Goniozus*; further description p. 36, ♂ p. 37 figs., OGLOBLIN Rev. Invest. agric. **14** 1960.

Platybethylus see *Pseudisobrachium.*

Pseudisobrachium Kieff. (= *Platobethylus* Kieff., *Lyssepyris* Kieff., *Xantepyris* Kieff., *Parisobrachium* Kieff. p. 222) revision of N. & Centr. Amer. spp. (key pp. 224–233) pp. 211–318; *micheneri* p. 234, *blomi* p. 235, *perpunctatum* p. 237, *nigriculum* p. 251, *brunneum* p. 252, *michoacanum* p. 254, *aztecum* p. 263, *hurdi* p. 286 Mexico, *dalmati* p. 237, *manni* p. 315 Guatemala, *crassum* p. 230, *texanum* p. 240, *matthewsi* p. 249, *obscurum* p. 258, *foutsi* p. 300, *emarginatum* p. 303, *rectangulatum* p. 304, *macrops* p. 309 Texas, *rettenmeyri* p. 240, *clypeatum* p. 242, *petiolatum* p. 310, *superbum* p. 313, *gigas* p. 314, *zeteki* p. 315 Panama, *cooperi* p. 241, *costaricanum* p. 317 Costa Rica, *occidentale* p. 244, *castaneum* p. 248, *minutisimum* p. 281, *persimile* p. 284 California, *carolinianum* S. Carolina p. 254, *gibbosum* p. 255, *minimum* p. 280, *krombeini* p. 287 New Mexico, *otiosum* p. 256, *pallidum* p. 258, *navajo* p. 283, *comanche* p. 298, *apache* p. 299 Arizona, *arenarium* p. 263 New Jersey, *ashmeadi* Washington p. 275, *pusillum* Louisiana p. 297, *anomalum* Va [Virginia?] p. 311 **spp. n.**; *flavicornis* Kieff. from *Lyssepyris* p. 282, *flaviventre* Kieff. from *Xanthepyris* p. 288; *prolongatum* Prov. (= *rugosulum* Fouts, *agilis* Whitt., *Isobrachium magnum* Ashm., *I. myrmecophilum* Ashm., *I. mandibulare* Ashm., *I. montanum* Ashm.) p. 266; *rufiventre* Ashm. (= *flavicoxis* Fouts, *puncticeps* Fouts) p. 293 figs., EVANS Bull. Mus. Comp. Zool. **126.**

Rhabdepyris rhizoperthae **sp. n.** New Delhi p. 190 figs., RAMDAS MENON, SNEHAMOY CHATTERJI & PRAKASH SARUP Indian J. Ent. **21.**

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Scoliidae from Lake Chad, GUIGLIA Rev. Zool. Bot. afr. **64:** 364–370, 3 figs.

Meria tripunctata & *cylindrica* p. 246, *t.* & *volvulus* p. 247 genitalia as distinguishing characters figs., GUIGLIA Verh. XI. int. Kongr. Ent. Wien 1960 **1.**—*M. verhoeffi* **sp. n.** Corsica p. 310 figs., GUIGLIA Ann. Mus. Stor. nat. **72.**—*M.* spp. of Italy (key p. 7, colour variations) pp. 5–35 figs., GUIGLIA Mem. Soc. ent. ital. **40.**

Tiphia spp. of America north of Mexico (key to ♂♂ p. 2, ♀♀ p. 6) pp. 1–20; *irfla* Florida p. 10, *tempeae* Arizona p. 11, *bakeri* Washington p. 12, *montana* Montana p. 13, *indistincta* W. Virginia p. 14, *pennsylvanica* (*incisurata* compared p. 20) Pennsylvania p. 15 **spp. n.**; *atlantis* ♂ p. 16; *relativa* ♀ p. 17; *micropunctata* All. (= *dentata* All.); *illinoensis* Rob. (= *waldenii* Vier.) p. 18; *infossata* All. (= *hollowayi* All.) (Krombein) p. 19, ALLEN Trans. Amer. ent. Soc. **87.**—*T. hispaniolae* p. 58, *argentipes* p. 63 re-description; *sandae* (*hisp.* compared) "San Domingo", *kenscoffi* p. 60, *wolcotti* p. 61, *haiti*, *paupi* p. 62 Haiti, *dowi* Cuba p. 65 **spp. n.** figs., ALLEN & KROMBEIN Trans. Ann. Amer. ent. Soc. **87.**

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Dasymutilla m. militaris ♂ p. 104, *m. nigriceps* ♂ p. 105; *m. n.* Crssn. (= *Mutilla wilsoni* Crssn.) p. 104, MICKEL Proc. R. ent. Soc. Lond. (B) **30.**

Hoplomutilla lenkoi **sp. n.** Brazil p. 225 fig., SUÁREZ Eos **37.**—*H. traversa* **subsp. n.** *marcella* p. 45; *aproximata* **subsp. n.** *octavia* p. 46 Bolivia, CASAL Neotropica **7.**

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Lophomutilla mocajuba **sp. n.** p. 57; *prionophora* **subsp. n.** *jaragua* p. 59 Brazil, CASAL Notas Mus. La Plata (Zool.) **20** no. 193.

Methoca javanica **sp. n.** (*malayana* compared) Java p. 67 figs., HAMANN Idea **12** 1959.—*M.* (*Stenomethoca* **subgen. n.** p. 35) *nigra* **sp. n.** Borneo p. 36 figs., HAMANN Idea **13** 1960.

Mutilla wilsoni see *Dasymutilla militaris nigriceps.*

Pseudomethoca cargilli ♂ p. 103, MICKEL Proc. R. ent. Soc. Lond. (B) **30.**

Stenomethoca **subgen. n.** (type *nigra* sp. n.) see *Methoca.*

Stenomutilla erlandssoni **sp. n.** Spain fig., SUÁREZ Boll. Soc. ent. ital. **91.**

Tallium keiseri **sp. n.** Argentina p. 221 fig., SUÁREZ Eos **37.**

Timulla (*T.*) *trimaculosa* ♂ p. 105, MICKEL Proc. R. ent. Soc. Lond. (B) **30.**

POMPILIDAE (PSAMMOCHARIDAE).

Notes on Pompilidae of Egypt, PRIESNER 1960 Polsk. Pismo ent. **30:** 65–84, 5 figs.

Agenioideus (*Ageniopompilus* Pr.) from *Pompilus*; (*A.*) *fasciatellus* Pr. transferred to subgen. *Gymnochares* p. 69, PRIESNER Polsk. Pismo ent. **30** 1960.—*A. chobauti* **sp. n.** W. Atlas Mts. p. 40 fig., WOLF Mitt. dtsch. ent. Ges. **20.**

Agenoides (*A.*) *alius* **sp. n.** France p. 511, NOUVEL & RIBAUT Bull. Soc. Hist. nat. Toulouse **93** 1958.

Anoplius rothi **sp. n.** Sahara p. 41 fig., WOLF Mitt. dtsch. ent. Ges. **20.**

Anospilus spp. of Spain (key p. 311) pp. 309–348; *intermedius* p. 323, *inconspicuus* p. 325, *rufocinctus* p. 334, *larachei* p. 346 **spp. n.** Spain figs., JUNCO Y REYES Eos **37.**

Aporinellus cahirensis p. 74, *albipennis* p. 76 **spp. n.** Egypt; *simulans* characters pp. 76, 78 figs., PRIESNER Polsk. Pismo ent. **30** 1960.

Aporoideus (*Gymnochares*) *coronatus* **sp. n.** France p. 513 figs., NOUVEL & RIBAUT Bull. Soc. Hist. nat. Toulouse **93** 1958.

Aulocostethus see *Epipompilus*; *bifasciatus* Ashm. nec Haupt, *pulcherrimus*, *haupti*, *excelsus* see *E.*; *bifasciatus* Haupt nec Ashm. see *E. insolitus*.

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Ceropales sabulicola ♂ p. 66, PRIESNER Polsk. Pismo ent. **30** 1960.—*C. spinosa* see *Nysson interruptus* (Sphec.).

Cryptocheilus pulawskii **sp. n.** Egypt p. 66 fig., PRIESNER Polsk. Pismo ent. **30** 1960.—*C. perezi* **subsp. n.** (given as sp. n.) *insulanus* Sardinia p. 27, WOLF Mitt. dtsch. ent. Ges. **20.**

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Epipompiloides **gen. n.** for *Epipompilus insularis* Kohl p. 28, EVANS Psyche **68.**

Epipompilus Kohl (= *Aulocostethus* Ashm., *Epicostethus* Banks) p. 26; *bifasciatus* Ashm. nec Haupt p. 31, *haupti* Arlé, *excelsus* Brad. (♂ described) p. 32, *pulcherrimus* Evans from *Aulocostethus*; *williamsi* Banks from *Epicostethus* p. 29; *aztecus* Crssn. from *Ferreola* p. 30; *insolitus* **n.n.** for *A. bifasciatus* Haupt nec Ashm. p. 35; *innubus* **sp. n.** Peru p. 36; key to known Neotropical spp. p. 28 figs., EVANS t.c.—*E. insularis* see *Epipompiloides*.

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Evagetes spp. & groups revision (keys to N. & Centr. Europ. ♀♀ p. 83, to ♂♂ p. 86) pp. 80–90; *littoralis* Wesm. (= *arcuatus* Haupt) p. 89; *pubescens* Wolf a distinct sp. not var. of *crassicornis* p. 90, WOLF Opusc. ent. **26.**

Ferreola azteca see *Epipompilus*.

Hemipepsis of E. Asia (key to some spp. p. 2) pp. 1–10 (no. 31); *binghami* (with **subsp. n.** *rufithorax* p. 12) India p. 9, *assamensis* Assam p. 12, *sericata* Ceylon p. 17 (no. 39) **spp. n.**; *princeps* **subspp. n.** *palawanensis* Palawan (Philippines) p. 7, *perdecora* S. Vietnam p. 8 (no. 31); *ceylonica* ♂ p. 6 (no. 39); *consanguinea* p. 2, *coeruleopennis* p. 4, *obsoleta* p. 14 (no. 39) re-description; *indiana* **n.n.** for *flava* Dhlb. sensu Wahis nec Dhlb. p. 2 (no. 32) figs., WAHIS Bull. Inst. Sci. nat. Belg. **37** nos. 31, 32, 39.

Pedinaspis spp. & groups revision (new keys to ♀♀ p. 69, to ♂♂ p. 72) pp. 67–80; *priesneri* Sardinia pp. 75, 78, *pseudoplicatus* Ibiza I. pp. 76, 80 **spp. n.**; *bucephalus* p. 77, *damryei* p. 79 further description figs., WOLF Opusc. ent. **26.**—*P. priesneri* Wolf (= *plicatus* ♀ Costa) p. 40, WOLF Mitt. dtsch. ent. Ges. **20.**

Poecilagenia moreli **sp. n.** France p. 519 fig., NOUVEL & RIBAUT Bull. Soc. Hist. nat. Toulouse **93** 1958.

Pompilioides insidiosus **sp. n.** France p. 514 figs., NOUVEL & RIBAUT t.c.

Pompilus waltli ♀ p. 70; *arcanus* genital-plate p. 71; *niveus* Saund. not a syn. of *pulcher* p. 83 fig., PRIESNER Polsk. Pismo ent. **30** 1960.—*P.* (*Ageniopompilus*) see *Agenioideus*.

Priocnemis mesobrometi **sp. n.** (*parvulus* compared) Germany p. 29; *exultatus valkeilai* ♂; *femoralis*, *fennicus* distinguishing characters p. 28 figs., WOLF Mitt. dtsch. ent. Ges. **20.**

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Schistonyx rothi **sp. n.** Sahara-Atlas p. 53 figs., WOLF Mitt. dtsch. ent. Ges. **20.**

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Xenoporus echnatoni **sp. n.** Egypt p. 80 fig., PRIESNER t.c.

VESPIDAE (including EUMENIDAE).

Diploptera of Centr. Europe: Vespidae, Eumenidae, Masaridae (classification, keys to famm., subfamm., genn., subgenn. & spp.), BLÜTHGEN Faltwespen Mitteleuropas 251 pp. 72 figs.

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Brachymenes **gen. n.** for *Eumenes wagnerianus* Sauss. p. 243, GIORDANI SOIKA Verh. XI. int. Kongr. Ent. Wien 1960 **1.**

Dolichovespula (*D.*) *media*, *geerii* distinguishing characters p. 31, BLÜTHGEN Faltenwespen Mitteleuropas.

Eumenes-group of genn., re-classification according to spp.-groups pp. 240–245, GIORDANI SOIKA Verh. XI. int. Kongr. Ent. Wien 1960 **1.**—*E. pomiformis*, *lunulatus* distinguishing characters p. 209, DE BEAUMONT in BLÜTHGEN Faltenwespen Mitteleuropas.—*E. wagnerianus* see *Brachymenes*.

Leptochilus (*Neoleptochilus* **subgen. n.**) pp. 66, 100, BLÜTHGEN Faltenwespen Mitteleuropas.—*L.* (*Lionotulus*) *tergestensis* **sp. n.** (*tarsatus* ♀♀ compared) Italy p. 467, BLÜTHGEN Ann. hist.-nat. Mus. hung. **53.**

Nannodynerus hungaricus **sp. n.** Hungary p. 468 fig., BLÜTHGEN t.c.—*N. caroli* **sp. n.** Germany p. 118, BLÜTHGEN Faltenwespen Mitteleuropas.

Nannopterochilus **gen. n.** for *Pterocheilus phaleratus* Panz. (complex) p. 86, BLÜTHGEN t.c.

Neoleptochilus **subgen. n.** (type *medanae* Grib.) see *Leptochilus*.

Odontodynerus deflendus lepeletieri **n. n.** for *parvulus* Lep. nec H. Sch. p. 126, BLÜTHGEN Faltenwespen Mitteleuropas.—*O. brincki* **sp. n.** S.W. Africa p. 446 fig., GIORDANI SOIKA S. Afr. anim. life vol. VIII.

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Paravespa (*Gestrodynerus*) *minutepunctata* p. 443, (*G.*) *violaceipennis* p. 444 **spp. n.** S.W. Africa, GIORDANI SOIKA S. Afr. anim. life vol. VIII.

Polistes bischoffi of France (*foederatus* compared pp. 286–287, 289–290) pp. 284–290 figs., GRAF Bull. Soc. zool. Fr. **86.**

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Tricarinodynerus guerinii **subsp. n.** *deserticola* Cape Province p. 445, GIORDANI SOIKA S. Afr. anim. life vol. VIII.

Vespula spp. of Nearctic reg. (key to subgenn. p. 7, distribution) pp. 1–52; (*V.* key to spp. p. 7) *acadica* Slad. p. 15, (*V.*) *atropilosa* Slad. p. 17, (*V.*) *consobrina* Sauss. p. 19, (*V.*) *intermedia* Buyss. p. 23, (*V.*) *vidua* Sauss. p. 26 good spp. not varr. of *rufa*; (*Dolichovespula* key to spp.) *albida* Slad. p. 28, (*D.*) *norvegicoides* Slad. p. 36 good spp. not varr. of *norwegica*; *arctica* Rohw. a good sp. not var. of *adulterina* p. 30 figs., MILLER Canad. Ent. **93** suppl. 22.

Chrysidoidea.

CHRYSIDIDAE.

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Holophris kalliopsis **sp. n.** Madagascar p. 300 fig., ZIMMERMANN t.c.

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Loboscelia Westw. revision pp. 523–548; *Scelidoloba* **subgen. n.** (*L.* s. str. distinguishing characters) p. 529; (*L.*) key to spp. p. 530–531; (*L.*) *reducta* Vietnam p. 537, (*L.*) *parva* p. 545, (*L.*) *cervix* p. 546 **spp. n.** New Britain; (*L.*) *rufescens* p. 531, (*L.*) *defecta* p. 535, (*L.*) *bakeri*, (*L.*) *philippinensis* p. 540, (*L.*) *rufa*, (*L.*) *nigra* p. 542, (*L.*) *collaris* (♂) p. 543, (*L.*) *scutellata* p. 544 further description figs., MAA & YOSHIMOTO Pacif. Ins. **3.**

Scelidoloba **subgen. n.** (type *antennata* Fouts) see *Loboscelia*.

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Acromyrmex of Brazil pp. 113–180; (*Moellerius*) *balzani* Em. a subsp. of *landolti*; *l. b.* Em. (= *l. parens* Santschi) p. 124; (*M.*) *l. l.* For. (= (*M.*) *l. nivalis* Santschi, (*M.*) *b. senex* Santschi) p. 120; (*M.*) *l. fracticornis* For. (= (*M.*) *f. joergenseni* For.) p. 126; *ambiguus* Em. (= *am. erectus* Santschi) p. 131; *aspersus* F. Sm. (= *as. mesonotalis clarus* Santschi, *as. affinis* Santschi, *Atta* (*Acr.*) *mesonotalis* Em., *Atta* (*Acr.*) *m. inquirens* For.) p. 132; *coronatus* F. (= *c. andicola flavescens* Santschi, *c. and. medianus* Santschi, *c. moelleri obscurior* Santschi, *moell. panamensis ochraceola* For., *c. ochr. ornatus* Santschi, *Atta* (*Acr.*) *moelleri* For., *Atta* (*Acr.*) *moell. meinerti* For., *Atta* (*Acr.*) *moell. modesta* For.) p. 134; *crassispinus* For. (=*nigrosetosa diabolica* Santschi, *d. mediocris* Santschi, *hispidus formosus rufescens* Santschi, *aspersus insularis* Santschi, *h. atratus* Santschi) p. 139; *l. laticeps* Em. (= *lat. hortulanus* Santschi) p. 144; *lat. nigrosetosus* For. (= *n. garbei* Santschi, *n. pulchellus* Santschi, *Atta* (*Acr.*) *aspersa*

dimidiata For.) p. 146; *lobicornis* Em. (= *lob. rufidens* Santschi, *bucki* Wasm.) p. 148; *l. lundi* Guér. (= *Atta* (*Acr.*) *laticeps dubia* For.) p. 150; *muticinodus* For. (= *subterranea depressoculis*, *Atta* (*Acr.*) *muticinoda homalops* Em.) p. 153; *r. rugosus* F. Sm. (= *rug. bigener* Santschi, *rug. vestitus* Santschi) p. 159; *rugosus rochai* For. (= *rug. navarroi* Borgm.) p. 162; *s. subterraneus* For. (= *s. mixtus* Santschi, *Atta* (*Acr.*) *s. purensis* For.) p. 163; *s. molestans* Santschi (= *s. eidmanni* Santschi) p. 168 figs., GONÇALVES Stud. Ent. (N.S.) **4.**

Atta mesonotalis, *m. inquirens* see *Acromyrmex aspersus*; *moelleri*, *moell. meinerti*, *moell. modesta* see *A. coronatus*; *aspersa dimidiata* see *A. laticeps nigrosetosus*; *lat. dubia* see *A. lundi*; *muticinoda homalops* see *A. mut.*; *subterraneus purensis* see *A. s. s.*

Camponotus spp. & varr. of Poland (key p. 175) pp. 147–207 figs., PISARSKI Ann. zool. **19.**

Cataglyphis indica **sp. n.** India p. 515 figs., PISARSKI Bull. Acad. polon. Sci. (Ser. biol.) **9.**

Cremastogaster Mediterranean & Asian spp. (key to subgenn. p. 92), systematic notes pp. 87–112 figs., FROMANTIN & SOULIÉ Bull. Soc. Hist. nat. Toulouse **96.**

Formica nigricans, *cordieri* workers, distinguishing characters pp. 13–19 figs., GÖSSWALD & others Collana Verde Minist. Agric. For. no. 7.—*F. rufa*, *polyctena*, *nigricans* biochemical studies as basis for syst. categories (differentiation of races, chromatogram) pp. [1–4] figs., GÖSSWALD & SCHMIDT Umschau 1959 Heft **9.**—*F. cinerea* **var.** *lepida* Wheel. (= *cin. canadensis* Sant.) p. 252, SMITH Proc. ent. Soc. Wash. **62.**

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Hylomyrma longiscapa p. 498, *blandiens* p. 500 **spp. n.** Surinam (Guiana) figs., KEMPF Stud. Ent. (N.S.) **4.**

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Lasius (*Chthonolasius*) *bicornis* ♀ p. 509 fig., POLDI Studi sass. (3) **9.**

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Megalomyrmex drifti **sp. n.** Surinam (Guiana) p. 504 figs., KEMPF Stud. Ent. (N.S.) **4.**

Monomorium (*Equesimessor*) *chobauti* Em. (= *Holcomyrmex faf* Forel) p. 69, DÉLYE Bull. Soc. Hist. nat. Afr. Nord **52.**

Myrmica, some spp. of W.N. America status discussed pp. 209–220 fig., GREGG J. N.Y. ent. Soc. **69.**

Neivamyrmex megathrix **sp. n.** Surinam (Guiana) p. 486 figs., KEMPF Stud. Ent. (N.S.) **4.**

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Ochetomyrmex subpolitus Wheel. from *Wasmannia* p. 511, KEMPF Stud. Ent. (N.S.) **4.**

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Oxyserphus **gen. n.** for *Proctotrupes maculipennis* Cam. p. 41 fig., MASNER Explor. Parc nat. Upemba Miss. de Witte 1946–1949 fasc. 60.

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Notes on Chalcidoidea of Moldavian SSR (list), BOUCHEK Trudy moldavsk. Inst. Sadov. **7:** 5–30, 1 fig.

Chalcidoidea reared from Coccidae (Hem.), Kabardino-Balkaria (Caucasus), CHUMAKOVA Ent. Obozr. **40:** 315–338, 24 figs.

Descriptions of and comments on parasitic Aphelinidae, Encyrtidae & Eulophidae (keys), COMPERE & ANNECKE J. ent. Soc. S. Afr. **24:** 17–71, 12 figs.

Chalcidoid parasites of *Rhodites* spp. (Cynip.) in Rumania, CONSTANTINEANU & others 1956 Stud. Cercet. st. Biol. St. agric. Iasi **7:** 29–53, 18 figs.

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Glyphotoma angustatus Masi from *Paracleonymus* p. 94, HEQVIST Ent. Tidskr. **82.**

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Pteromalus (*Heterolaccus*) *bifoveolatus* Först. (= *saturniae* Rud.) p. 93, BOUČEK t.c.—*P. saxesenii* see *Mesopolobus fasciiventris*; *coeruleocephalae* see *Psychophagus omnivorus.*

Rhopalicus brevicornis Thoms. a good sp. not syn. of *azureus* pp. 411, 416, SZCZEPAŃSKI Polsk. Pismo ent. **30** 1960.

Spalangiopelta alata ♂ p. 56 figs., BOUČEK Acta ent. Mus. nat. Pragae **34.**

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Syntomocera see *Mesopolobus*; *clavicornis* see *M. laticornis.*

Termolampa **gen. n.**, *pinicola* **sp. n.** Czechoslovakia p. 60 figs., BOUČEK Acta ent. Mus. nat. Pragae **34.**

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Trigonogastra joachimi **sp. n.** Ceylon p. 249 figs., FERNANDO Ceylon J. Sci. (Biol. Sci.) **2** 1959.

Vrestovia **gen. n.** (nr. *Synedrus*) p. 79, *clypealis* **sp. n.** Czechoslovakia p. 80 figs., BOUČEK Acta ent. Mus. nat. Pragae **34.**

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Patasson Wlk. (= *Antoniella* Soyka, *Mariella* Soyka) p. 23; diagnostic notes on subgenn. p. 22, ANNECKE & DOUTT Ent. Mem. Dep. Agric. S. Afr. **5.**

Polynema Hal. (= *Maidliella* Soyka) p. 36; *brevicarinae* **sp. n.** S. Africa p. 60 figs., ANNECKE & DOUTT t.c.—*P.* keys to allied genn., subgenn. & (*P.*) spp. p. 662; (*P.*) *indica* p. 663, (*P.*) *truncata* p. 664, (*P.*) *thornypoda* p. 665, (*Stephanodes*) *imbricatus* (*similis* compared p. 670) p. 667 **spp. n.** India figs., NARAYANAN & SUBBA RAO Beitr. Ent. **11.**—*P. britannum* (also given as *brittanum*) ♂ holotype in U.S. Nat. Mus. p. 34, ANNECKE Entomologist **94.**

Prionaphes **gen. n.** (rel. to *Platystethynium*), *depressus* **sp. n.** New Zealand p. 159 figs., HINCKS Trans. roy. Soc. N.Z. (Zool.) **1.**

Pterolinononyktera see *Mymar*; *obenbergeri* see *M. pulchellum.*

Ptilomymar **gen. n.** (Mymarini) p. 24, *rete* **sp. n.** Mexico p. 49 figs., ANNECKE & DOUTT Ent. Mem. Dep. Agric. S. Afr. **5.**

Stammeriella see *Anaphes*; *wolfsthali* see *A.*

Stichothrix see *Camptoptera*; *pechlaneri, cardui, stammeri* see *C.*

Synanaphes Soyka reduced to subgen. of *Anaphes*, q.v.; *renalteri, medius* see *A.*

Tanaomymar **gen. n.** (Mymarini) p. 25, *mirum* **sp. n.** Trinidad p. 52 figs., ANNECKE & DOUTT Ent. Mem. Dep. Agric. S. Afr. **5.**

Wertanekiella **gen. n.** (nr. *Camptoptera*, key to allied genn. p. 73) p. 87, *brevicornis* **sp. n.** Austria p. 88, SOYKA Publ. natuurh. Genoot. Limb. **12.**

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Zemicamptoptera **subgen. n.** (type *semialbata* sp. n.) see *Camptoptera.*

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Chaetostricha aurulenta **sp. n.** Japan p. 308 figs., DOUTT Acta hymen. (3) **1.**

Trichogramma spp. nomenclature & identities discussed (distinguishing criteria pp. 156, 160) pp. 155–161; *japonicum* Ashm. a good sp.; *brasiliaense* Ashm. a r. of *fasciatum*; *minutum* Rly. (= *euproctidis* Grlt.); *embryophagum* Wolff (= *piniperdae* Wolff) p. 158, QUEDNAU Entomophaga **6.**

Cynipoidea.

CYNIPIDAE.

Subfamilies & tribes of Eucoilidae, classification, BELIZIN Zool. Zhurn. **40:** 1479.

Aegilips paucus Kazakhstan p. 153, *gemellus* Miass p. 154 **spp. n.,** BELIZIN Ent. Obozr. **40.**

Afrodontaspis **gen. n.** for *Coneucoela striatissima* Ben. p. 280, WELD Proc. ent. Soc. Wash. **63.**

Anolytus bicoloratus **sp. n.** S.E. Russia p. 159, BELIZIN Ent. Obozr. **40.**

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Baviana see *Paramblynotus*; *ferruginea* see *P.*

Callaspidia aberrans ♀ p. 158, BELIZIN Ent. Obozr. **40.**

Callirhytis Först., some Europ. types pp. 182–183, EADY & QUINLAN Ent. mon. Mag. **96** (1960) [1961].

Coneucoela Kieff. (= *Trichoplasta* Ben.); *basilewskyi* Ben. from *T.* p. 279, WELD Proc. ent. Soc. Wash. **63.**— *C. striatissima* see *Afrodontaspis.*

Cynips spp. of Europ. USSR (key p. 209) pp. 207–213; *korsakovi* **sp. n.** Transcaucasus p. 211, BELIZIN Zool. Zhurn. **40.**

Decellea see *Paramblynotus*; *yangambicola* see *P.*

Didictyum Rly. oldest available name for *Hexaplasta* auct. (*zigzag* Rly. type) p. 280 fig., WELD Proc. ent. Soc. Wash. **63.**

Ganaspis muscidis **sp. n.** Caucasus p. 1482, BELIZIN Zool. Zhurn. **40.**

Heteraspidia see *Paraspicera*; *foveata* see *P.*

Hexacola Först. (= *Hexaplasta* Först.), *picicrus* Grlt. (= *Hexap. hexatoma* Hrtg.) syn. confirmed; *fuscicola* **n. n.** for *fuscipes* Kieff. 1907 p. 280, WELD Proc. ent. Soc. Wash. **63.**

Hexaplasta see *Didictyum*, *Hexacola*; *hexatoma* see *H. picicrus*; *fuscipes* see *H. fuscicola.*

Lonchidia riphaeica **sp. n.** S.E. Russia p. 158, BELIZIN Ent. Obozr. **40.**

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Paramblynotus Cam. (= *Baviana* Barb., *Decellea* Ben.); *ferrugineus* Barb. from *B.*; *yangambicola* Ben. from *D.* p. 279, WELD Proc. ent. Soc. Wash. **63.**

Paraspicera Kieff. (= *Heteraspidia* Blzn.); *foveata* Blzn. from *H.* p. 279, WELD t.c.

Petricynips **gen. n.** (Anacharitinae) p. 155, *micuisis* **sp. n.** Tadzhikistan p. 156, BELIZIN Ent. Obozr. **40.**

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Stylobrachys Blzn. from Anachartinae to Mesocynipinae p. 156, BELIZIN t.c.

Synergus, gallaepomiformis, pallicornis, umbraculus ♂ genital armature compared pp. 1–8 figs., SCHULZ Ent. Mitt. zool. Mus. Hamburg No. 32.

Trichoplasta see *Coneucoela*; *basilewskyi* see *C.*

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Ichneumonoidea.

The taxonomy of the Ichneumonoidea from standpoint of larval characters (Ichneumonidae, Braconidae distinguishing characters p. 221), SHORT Verh. XI. int. Kongr. Ent. Wien 1960 **1:** 221–224, 2 figs.

ICHNEUMONIDAE.

Ichneumonidae of Corsica, AUBERT Ann. Soc. ent. Fr. **130:** 159–187.

Ichneumonidae of French Mediterranean Coast, AUBERT Bull. Soc. ent. Fr. **65:** 228–241.

Variability in Ichneumonidae (structural changes due to host, types of variation), AUBERT Verh. XI. int. Kongr. Ent. Wien 1960 **1:** 224–228, 20 figs.

Revision of Ichneumonid types of Szépligeti, Kiss & Györfi, BAJÁRI Ann. hist.-nat. Mus. hung. **53:** 435–437.

Revision of some Pimplinae of Kiss' collection, BAJÁRI Folia ent. hung. (N.S.) **14:** 105–110.

Ichneumonidae from Franconia (Germany), II (list, descriptions), BAUER Beitr. Ent. **11:** 732–792, 4 figs.

Some Ichneumonidae new to Spain, CEBALLOS Graellsia **19:** 11–18, 3 figs.

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New Pimplinae for science & Rumania (I, II), CONSTANTINEANU & PISICĂ 1960 Stud. Cercet. st. Biol. St. agric. Iasi **11**: 51–58, 4 figs., 275–283, 6 figs.

Some Pimplinae & Lissonotinae from Rumania (descriptions), CONSTANTINEANU & PISICĂ Stud. Cercet. st. Biol. St. agric. Iasi **12**: 33–41, 7 figs.

Ichneumoninae from the valley of Slănic, Moldavia, CONSTANTINEANU & others 1960 An. st. Univ. Iasi (N.S.) II **6**: 47–76, 11 pls.

Synopsis of Nearctic Ichneumoninae Stenopneusticae with particular reference to northeastern region, parts II–V: synopsis of the Ichneumonini (keys to spp.), HEINRICH Canad. Ent. **92** suppl. 18: 93–205, 54 figs.; **93** suppl. 21: 209–368, 73 figs.; suppl. 23: 369–505, 65 figs.; suppl. 26: 507–671, 50 figs. [*Cf.* Z.R. **97** 1960 No. **1346**.]

Ichneumonidae of Finland, X, HELLÉN Notul. ent. **41**: 88–101.

A provisional list of Dutch Ichneumoninae, I, DEN HOED Ent. Ber. **21**: 225–233.

A list of Pimplinae from Sakhalin and the Kuriles in the Hokkaido Univ. Ent. Inst., MOMOI Ins. matsum. **24**: 125–133.

Ichneumonidae from Latvia (descriptions, records), OZOLS 1959 Trudy Acad. Nauk latv. Inst. Biol. **13**: 121–145, 10 figs.

Annotated list of the types of Nearctic Ichneumonids in European museums, TOWNES Proc. ent. Soc. Wash. **63**: 103–113.

Some Ichneumonid types in European Museums described from no locality or incorrect localities (annotated list pp. 166–175, list of nomencl. shifts & corrected type localities pp. 175–178), TOWNES Proc. ent. Soc. Wash. **63**: 165–178.

Some species described as Ichneumonidae but belonging to other families, TOWNES Proc. ent. Soc. Wash. **63**: 287–289.

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Taxonomy of Ophionini of USSR (key to genn. p. 169), VIKTOROV Ent. Obozr. **40**: 165–175, 14 figs.

Absyrtus vicinator **subsp. n.** *vernalis* Germany p. 758, BAUER Beitr. Ent. **11**.

Acanthojoppa see *Eccoptosage*; *charlottae* see *E. brevispinosa*; *nigrolineata, dudgeonii* see *E. nigromaculata*; *flavoorbitalis* see *E. schizoaspis*; *indica, tinctipennis* see *E. waageni*; *varicornis, tricolor* see *E. xanthopsis*.

Acanthoprimnus see *Astomaspis*.

Acanthostoma see *Habronyx*.

Achaius Cam. (= *Laegula* Cam.); *flavobalteatus* Cam. (= *Haliphera maculipes* Cam., *H. flavomaculata* Cam., *H. latibalteata* Cam., *L. annulata*) p. 388, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Acoenitus dubitator **var. n.** *nigriventris* Rumania p. 24, CONSTANTINEANU Stud. Cercet. st. Biol. St. agric. Iasi **9** 1958.

Aconias see *Plectocryptus*.

Acromia **gen. n.** for *Silsila striolata* Cam. pp. 183, 473, H. TOWNES in TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Aculichneumon (*Crypteffigies*) *confusus* **subsp. n.** *megalurus* Ontario p. 180, HEINRICH Canad. Ent. **92** suppl. 18.

Adranes see *Mesoleius*.

Aelometis italicus **f. n.** *antennalis* Corsica p. 178, AUBERT Ann. Soc. ent. Fr. **130**.

Agenora see *Bathythrix*; *hirticeps* see *B. claviger*.

Aglaocryptus see *Ischnus*.

Aglaojoppa maculipes see *Ichneumon caeruleodorsatus*; *5-maculata, latemaculata, maculipes* see *Ich. flavolineatus*; *violaceipennis, quadrimaculata* see *Ich. flavomaculatus*; *cariniscutis* see *Ich. maculiscutis*; *formosana* see *Intermedichneumon ocellus*; *salthanus, okinawana* see *Lissosculpta javanica*.

Agrothereutes Foerst. (= *Dayro* Cam.) p. 142, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.—*A. abbreviator* **subsp. n.** *meridionator* Corsica p. 168, AUBERT Ann. Soc. ent. Fr. **130**.—*A. nigritarsis* see *Goryphus apicalis*; *albipalpis* see *G. mesoxanthus unifasciatus*.

Agrypon (*Labrorychus*) *clandestinus* **subsp. n.** *meridionator* Corsica p. 180, AUBERT Ann. Soc. ent. Fr. **130**.—*A. costatum* see *Charops malayana*; *nigronotum, suzukii nigromaculatum* see *Labrorychus s.*; *tisiphone* see *Perisphincter*; *melanura* see *Trichomma biroi*.

Alegina laricellae **sp. n.** New Brunswick p. 4, MASON Canad. Ent. **93**.

Algathia maculiceps Cam. (= *rufipetiolata* Cam.) p. 361; *suavida* Tosq. (= *Ichneumon*? *spilostomus* Cam.) p. 362, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.—*A. rothneyi* see *Stenaoplus varipes*.

Allocamptus orientalis see *Enicospilus erythrocerus*; *cubitalis* see *E. glabratus*.

Alloplasta Foerst. (= *Trysicampe* Foerst.) p. 205, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Alloritus see *Mesoleius*.

Allostomus see *Eugalta*.

Alriada see *Eurycryptus*.

Aluina see *Losgna*.

Amauromorpha a. accepta Tosq. (= *Eripternimorpha scirpophagae* Rohw.) p. 161, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Amblyjoppa Cam. (= *Glyptojoppa* Cam., *Cnemojoppa* Heinr.) p. 413; *aelvanus* Cam. (= *varicornis* Cam., *melanoptera* Cam., *iridipennis* Cam.) p. 414; *j. japonica* Kriechb. (= *Protichneumon japonicus* f. *ibukiensis* Uch.) p. 415; *sulcata* Cam. (= (?) *maculicollis* Cam., *ruficeps* Cam., *ruficauda* Cam.) p. 416, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.—*A. p. proteus* Christ (= *Ichneumon nigratorius* F., *I. nigriculus* Walkl.) pp. 170, 177, TOWNES Proc. ent. Soc. Wash. **63**.

Amblyteles politus **var. n.** *nigritarsis* p. 65; *isenschmidi* **var. n.** *bialbatus* p. 66 Rumania figs., CONSTANTINEANU & others An. st. Univ. Iasi (N.S.) II 6 1960.—*A. illaetabilis* see *Probolus detritus*; *zealandicus* see *Pterocormus lotatorius*.

Amesospilus interruptus see *Enicospilus biconatus*; *nigricosta* see *E. monospilus*; *nigrostemmaticus* see *E. semiopacus*; *insidiosus* see *E. rufus*.

Amorphota ephestiae see *Devorgilla canescens*.

Amphiprion **gen. n.** for *Buodias rufoornatus* Cam., *Skeatia carinatus* Cam. pp. 182, 472, H. TOWNES in TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Ancaria lieftincki see *Baltazaria tribax*; *tjibodas* see *B.*; *sundaica* see *Euchalinus*; *longicornuta* see *Isotima decens*; *vandervechti* see *Goryphus hyalinoides*.

Angita punctoria see *Eriborus giganteus*.

Anilastus see *Campoletis*.

Anisobichneumon see *Validentia*.

Anisopygus americanus **sp. n.** p. 379; *pseudonymus* **subsp. n.** *nearcticus* p. 378 N.E. America figs., HEINRICH Canad. Ent. Suppl. 23.

Anochilacrum see *Aphanistes*.

Anomalon Panz. (= *Ophioneura* Cam., *Stictophion* Cam., *Erythrophion* Cam., *Trachyopterus* Morl., *Pseudonototrachys* Meyer) p. 308; *novoguineense* Szépl. (= *Nototrachys taparilensis* Cheesm.) p. 309, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.—*Anomalon lineatum* see *Eriborus sinicus*; *elegans* see *Occia*.

Anunda see *Chrysocryptus*.

Aoplus spp. of N.E. America (key to Amer. north of Mexico pp. 534–537) pp. 533–558; *p. permutabilis* (with **subsp. n.** *leucorbis* p. 542) pp. 539, 541, *limbatae* p. 542, *thujarum* p. 543, *moilietti* p. 544, *rarior* p. 546, *melanisticus* p. 547, *monotonus* p. 548, *pseudovelox* **spp. n.**; *ochropis* **subsp. n.** *coloradensis* p. 556 N.E. America; *occidentalis* Harr. a var. of *velox* p. 551 fig., HEINRICH Canad. Ent. suppl. 26.—*A. madeirae* **sp. n.** Madeira p. 36, HELLÉN Notul. ent. **41**.—*A. groenlandicus* Lndbck. from *Ichneumon* p. 108, TOWNES Proc. ent. Soc. Wash. **63**.

Apanteloctonus see *Diatora*.

Apechthis compunctor **var. n.** *flavoscutellata* Rumania p. 10 fig., CONSTANTINEANU Stud. Cercet. st. Biol. St. agric. Iasi **9** 1958.

Aphadnus see *Paraphylax*.

Aphanistes Foerst. (= *Anochilacrum* End.,? *Dioborus* Rao) p. 311, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Apocryptus fusciventris Cam. (= *Etha khasiana* Cam., *E. lacteiventris* Cam.) p. 197, TOWNES, H. & M. & GUPTA t.c.

Aprix **gen. n.** for *Ichneumon nutatorius* F. pp. 183, 472, H. TOWNES in TOWNES, H. & M. & GUPTA t.c.

Apsilops Foerst. (= *Heterotypus* Foerst.) p. 142, TOWNES, H. & M. & GUPTA t.c.

Aptesis Foerst. (= *Neleophron* Foerst.); *pulchripes* Cam. (= *Phygadeuon labiale* Cam.) p. 138, TOWNES, H. & M. & GUPTA t.c.

Areolina see *Diadegma*.

Aritranis Foerst. (= *Hoplocryptus* Thoms.); *fugitiva* Grav. (= *H. binotatus* Thoms.) p. 162, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Asius see *Hemigaster*.

Asperellus **gen. n.** for *Certonotus hinnuleus* Krieger (type), *leeuwinensis* Turn., *mogimbensis* Cheesm. pp. 114, 471, H. TOWNES in TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Aspharagis Foerst. (= *Campocineta* Schmdkn.); *occupator* Grav. (= *C. varicornis* Schmdkn.) p. 206, TOWNES, H. & M. & GUPTA t.c.

Asthenoptera see *Gelis*.

Astomaspis Foerst. (= *Syrites* Tosq., *Acanthoprimnus* Cam.) p. 129, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Atanyjoppa c. comissator Sm. (= *flavomaculata* Cam.) p. 410, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Ateleonotus see *Coccygodes*; *ruficeps* see *C.*

Ateleute Foerst. (= *Tsirirella* Seyr., *Psychostenus* Uch.) p. 126, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Atrometus Foerst. (= *Parania* Morl.) p. 316, TOWNES, H. & M. & GUPTA t.c.—*A. flavifrons, citricinctus, delicatus, haleakalae, hawaiiensis, molokaiensis, satelles, sociabilis, solitarius, tarsatus, tephrias* see *Spolas*.

Aucklandella conspirata Sm. (= *Ichneumon ixia* Cam., *I. falsus* Cam., *I. frederici* Cam.) p. 368; *flavomaculata* Cam. (= *nigromaculata* Cam., (?) *flavolineata* Cam.); *pyrastis* Cam. (= *I. placidus* Sm.) p. 369; *ursula* Cam. (= *I. colensii* Cam., *I. brouni* Cam., *I. richardi* Cam., *Dicoelotus* (!) *striatifrons* Cam.) p. 370, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Aulosita see *Occia*.

Australophion see *Ophion*.

Badyorygma flavoguttatum see *Ichneumon flavomaculatus*.

Baltazaria **gen. n.** for *Cryptus tribax* Tosq. (type) (= *Ancaria lieftincki* Betr.), *Mesostenus albosignatus* Szép., *caligatus* Cam., *nigribasalis* Uch., *A. tjibodas* Betr. pp. 175, 472, H. TOWNES in TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Banchopsis Rud. (= *B.* Kriechb., *Euceribanchus* Costa, *Ephonites* Cam.); *crassicornis* Rud. (= *graeca* Kriechb., *Euc. maculipennis* Costa) p. 211, TOWNES, H. & M. & GUPTA t.c.

Banchus flavescens Crssn. (= *Ichneumon ferrugator* Kby.) p. 107, TOWNES Proc. ent. Soc. Wash. **63**.—*B. falcatorius* **var. n.** *nigrithorax* Rumania p. 252 figs., CONSTANTINEANU & PISICĂ Stud. Cercet. st. Biol. St. agric. Iasi **12**.

Barichneumon Thoms. (= *Darpasus* Cam., *Stictichneumon* Cam.) p. 362, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.—*B. lepidus* **ff. n.** *flavopictus, nigripes* Corsica p. 163; *meridionator* **n. n.** for *saturatorius* subsp. *nigripedis* Kiss p. 164, AUBERT Ann. Soc. ent. Fr. **130**.

Barycephalus seminiger see *Barytatocephalus mocsaryi*.

Baryceros Grav. (= *Christolia* Brll. pp. 167, 176, *Neochristolia* Blanch. p. 167); *guttatus* Grav. (=

Mesostenus dorsostriatus Spin. pp. 167, 176, *M. quadrilineatus* Brll. pp. 167, 177, *Joppa spinosa* Brll. pp. 167, 178); *eucleides* Blanch. from *N.* pp. 167, 176; *punctatus* Brll. from *Ch.* pp. 167, 177; *texanus* Ashm. from *Crypturus* pp. 167, 178, TOWNES Proc. ent. Soc. Wash. **63.**

Barylypa relicta F. from *Ophion* p. 111, TOWNES t.c.—*B. rufolineata* see *Gravenhorstia pilosella.*

Barytatocephalus mocsaryi Brns. (= *Barycephalus seminiger* Brns., *Ophion amoenus* Tosq.) pp. 173, 175, VIKTOROV Ent. Obozr. **40.**

Bassus clotho see *Diplazon orientalis*; *maculifrons* see *Homotropus pacificus.*

Bathycrisis see *Trachysphyrus.*

Bathymetis antipoda see *Xenolytus bitinctus*; *testaceicornis* see *Phaeogenes.*

Bathythrix Foerst. (= *Stenoschema* Foerst., *Agenora* Cam.); *claviger* Tasch. (= *A. hirticeps* Cam.) p. 119, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Belargea albomaculata see *Cratichneumon rufofemoratus.*

Benyllus rufopictus Heinr. (= *multicolor* Heinr., *m.* varr. *pallidus* Heinr., *nigricans* Heinr.) p. 349, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Blaptocampus see *Camposcopus.*

Boethoneura boguschi re-description p. 172 figs., VIKTOROV Ent. Obozr. **40.**

Bolbomyschus albipictus see *Stenichneumon nigripes.*

Borciella see *Picardellia.*

Bosmina see *Eriborus.*

Brachycoryphus Kriechb. (= *Miramilia* Seyr.) p. 157, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.—*B. ferrugineus* Brll. from *Mesostenus* pp. 171, 176, TOWNES Proc. ent. Soc. Wash. **63.**

Brachycyrtinae **subfam. n.** p. 720, CONSTANTINEANU Beitr. Ent. **11.**

Buathra see *Trachysphyrus.*

Buodias Cam. (= *Melcha* Cam.); *hyalinus* Cam. (= *Mesostenus* (*M.*) *suisharionis* Uch.) p. 172, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.—*B. rufoornatus* see *Amphiprion*; *nigripes* see *Goryphus elegantulus.*

Buysmania o. oxymora Tosq. (= *reticulata* Cheesm.) p. 141, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Bystra Cam. (= *Evirchoma* Cam., *Lortygia* Cam., *Menkokia* Heinr.) p. 357, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Caligulina see *Occia.*

Calliephialtes xanthosoma see *Flavopimpla nigromaculata.*

Campocineta see *Aspharagis*; *varicornis* see *A. occupator.*

Campodorus see *Mesoleius.*

Campoletis Foerst. (= *Ecphora* Foerst., *Anilastus* Foerst.) p. 229, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.—*C. longiceps* Rom. from *Ecphoropsis* p. 105, TOWNES Proc. ent. Soc. Wash. **63.**

Campoplex triannulatus Cam. from *Eriborus* p. 106, TOWNES t.c.—*C.* types from Förster & Thomson, and Gravenhorst collections pp. 250–254; *opacus* ♂ p. 253 figs., HINZ Dtsch. ent. Z. (N.F.) **8.**—*C. binghami* see *Devorgilla inquinata*; *fuscipalpus* see *Dusona sumptuosa.*

Camposcopus Foerst. (= *Blaptocampus* Thoms.) p. 312, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Camptotypus (*C.*) *incisus* Sm. (= *Erythropimpla pallidiceps* Cam.) p. 22, TOWNES, H. & M. & GUPTA t.c.

Casinaria Hlmgr. (= *Nothanomalon* Szépl., *Deltops* Seyr., *Neonortoniella* Blanch.) p. 224, TOWNES, H. & M. & GUPTA t.c.

Casinariodes monticola **f.** aut **subsp. n.** *corsicator* Corsica p. 182, AUBERT Ann. Soc. ent. Fr. **130.**

Centeterus meridionator Aub. a valid sp. p. 229, AUBERT Bull. Soc. ent. Fr. **65.**

Cephalobus see *Eucremastus.*

Ceratocryptus Cam. (= *Pyralophagus* Seyr.) p. 184, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Certonotus fractinervus Vllnh. (= *Rhyssa clavula* Colenso) p. 113, TOWNES, H. & M. & GUPTA t.c.

Charitojoppa Cam. (= *Magrettia* Cam.) p. 400, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Charitopes gastricus Hlmgr. from *Hemiteles* p. 106; *plectiscinus* Rom. from *Phygadeuon* p. 111, TOWNES Proc. ent. Soc. Wash. **63.**

Charmis see *Hemigaster*; *limbatus* see *H. fulvipes.*

Charops bicolor Szépl. (= *Gongropelma formosanum* End., *Zacharops narangae* Cushm.) p. 227; *malayana* Cam. (= *Agrypon costatum* Szép.) p. 228, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.—*C. arctornisae* see *Dichelobosmina papilionis.*

Charopsimorpha see *Microcharops.*

Chasmias Ashm. (= *Thascia* Cam., *Ogulnia* Cam.) p. 381, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Chiaglas see *Stenichneumon*; *tinctipennis* see *S. longicornis*; *varipes*, *longiventris* see *S. nigripes*; *quadricolor* see *S. pallidipectus.*

Chlorocryptus coeruleus Cam. (= *reticulatus* Cam., *Cryptaulax cyaneus* Szépl.) p. 141, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.—*C.* Cam. (= *Cochlidionostenus* Uch.) p. 166; *coreanus* Szépl. from *Cryptaulax* pp. 166, 176, TOWNES Proc. ent. Soc. Wash. **63.**

Chlorojoppa see *Platylabus.*

Chriodes Foerst. (= *Prosopostenus* Uch.) p. 218, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Christolia see *Baryceros*; *punctata* see *B.*

Chrysocryptus Cam. (= *Anunda* Cam.) p. 120, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Chrysopimpla persimilis see *Echthromorpha notulatoria.*

Clistorapha ventosa **sp. n.** Turkmenia, Armenia p. 172 figs., VIKTOROV Ent. Obozr. **40.**

Clitiga excavata Cam. (= *forticornis* Cam.) p. 341, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Cnemocryptus see *Javra*; *validicornis* see *J. parviceps*.

Cnemojoppa see *Amblyjoppa*.

Cnemopimpla see *Iseropus*.

Coccygodes Sauss. (= *Ateleonotus* Cam.) pp. 166, 175; *ruficeps* Cam. from *A.* pp. 166, 177; *corpulentus* Tosq. from *Cryptus*; *brevispicula* Wtstn. pp. 166, 176, *subquadratus* Wtstn. pp. 166, 178 from *Oneilella*, TOWNES Proc. ent. Soc. Wash. **63**.

Coccygomimus rufipes Brll. from *Pimpla* pp. 173, 178, TOWNES t.c.

Cochlidionostenus see *Chlorocryptus*.

Coelichneumon bilineatus see *Ichneumon albopilosellus*.

Coiloneura melanostigma see *Leptophion longiventris*.

Colobacis forticornis see *Pterocormus lotatorius*.

Colocnema see *Giraudia*.

Colpognathus divisus **var. n.** *rufifemur* Rumania p. 18, CONSTANTINEANU Stud. Cercet. st. Biol. St. agric. Iasi **10** 1959.—*C. annulicornis* see *Rubicundiella*.

Cosmiocryptus see *Trachysphyrus*.

Cosmiojoppa see *Eupalmus*.

Cratichneumon spp. of eastern N. America (key pp. 99–107) pp. 93–205; *tyloidifer* p. 115, *takomae* p. 116, *anisotae* p. 119, *ferrugops* p. 124, *acronictae* p. 125, *piceipes* p. 130, *subfilatus* p. 131, *pseudanisotae*, *punctiicoxa* p. 133, *vaccinii* p. 141, *erythroscuta* p. 142, *ritus* p. 143, *insulae* p. 151, *remanens* p. 157, *vockerothi* p. 158, *rubricoides* p. 165, *rubricops* p. 167, *boreoalpinus* p. 168, *pertenuis* p. 169, *howdeni* p. 172, *gracilior* **spp. n.**; *annulatipes* **subsp. n.** *facetops* p. 147; *paratus* **subsp. n.** *pseudovinnulus* p. 137 E. N. America figs., HEINRICH Canad. Ent. **92** suppl. 18.—*C.* Thoms. (= *Sycaonia* Cam., *Leptothecus* Cam., *Tanyjoppa* Cam.); *c. clotho* Cam. (= *Lareiga alboannulata* Cam.) p. 373; *rufofemoratus* Cam. (= *Belargea albomaculata* Cam., *Halphurnia* [lapsus for *Haliphera*] *ornatipes* Cam.) p. 375, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.—*C. astutus* Hlmgr. (= *Ichneumon russatus* Crssn. 107) from *I.* p. 106, TOWNES Proc. ent. Soc. Wash. **63**.—*C. lanius* **var. n.** *nigrotrochanteratus* Rumania pp. 50, 57 figs., CONSTANTINEANU & others Stud. Cercet. st. Biol. St. agric. Iasi **8** 1957.

Cratocryptus see *Fislistina*.

Cratojoppa robusta Cam. (= *cingulata* Cam.) p. 411, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Cremastus ? *pungens* **subsp. n.** *meridionator* France p. 240, AUBERT Bull. Soc. ent. Fr. **65**.—*C. maluensis* see *Temelucha m.*; *coreanus kigaomis* see *Trathala flavoorbitalis*.

Cremnocryptus arrogans Sm. (= *Polyaenus cingulatus* Tosq.) p. 177, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Cretonotus hinnuleus, *leeuwinensis*, *mogimbensis* see *Asperellus*.

Cryptanura banchiformis Mgrl. (= *spinaria* Brll.) from *Ichneumon* pp. 107, 110, TOWNES Proc. ent. Soc. Wash. **63**.

Cryptaulax cyaneus see *Chlorocryptus coeruleus*; *coreanus* see *C.*

Cryptogelis see *Gelis*.

Crypturinae **subfam. n.** p. 726, CONSTANTINEANU Beitr. Ent. **11**.

Crypturus texanus see *Baryceros*.

Cryptus tribax see *Baltazaria*; *sciolus* see *Euchalinus*; *serius* see *Listrognathus mobilis*; *lenocinans* see *Phaedraspis fulvitergus*; *semirufus* see *Cubocephalus*; *corpulentus* see *Coccygodes*; *elegantulus* see *Goryphus*.

Ctenichneumon spp. of N. E. America (key pp. 451–453) pp. 450–474; *heteropus* p. 454, *columbianus* p. 457, *minor* p. 458, *holomelas* p. 460, *caeruleops* p. 461, *punctiscuta* p. 463, *townesi* p. 467, *rufibasis* p. 469, *gracilior* p. 470 **spp. n.** N. E. America figs., HEINRICH Canad. Ent. suppl. 23.

Ctenochira Foerst. (= *Gastroporus* Foerst.) p. 105, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Ctenopimpla see *Lampronota*.

Cubocephalus semirufus Brll. from *Cryptus* p. 105, TOWNES Proc. ent. Soc. Wash. **63**.

Cyanojoppa caerulea see *Ichneumon godwinausteni*.

Cyanoxorides javanus see *Xorides elizabethae*.

Cyrtorhyssa mesopyrrha Mocs. (= *Epirhyssa tuberculata* Cam., *Lytarmes giganteus* End.) p. 89, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Darachosia Cam. (= ? *Enchisiades* Cam.) p. 355, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Darpasus see *Barichneumon*.

Dayro see *Agrothereutes*.

Degithina Cam. (= *Zestocormus* Cam., *Proboloides* Morl.); *actista* Cam. (= *hectori* Cam.) p. 370; *decepta* Sm. (= *buchanani* Cam., *caroli* Cam., *Ichneumon perfidiosus* Sm., *Eristicus erythrogaster* Ashm.) p. 371, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.—*D.* Cam. (= *Proboloides* Morl.) pp. 174, 177; *deceptus* Sm. pp. 174, 176, *sollicitoria* F. pp. 174, 178 from *Ichneumon*, TOWNES Proc. ent. Soc. Wash. **63**.

Delopia see *Dusona*.

Deltops see *Casinaria*.

Devorgilla Foerst. (= *D.* Cam.); *canescens* Grav. (= *Lathrostizus insularis* Ashm., *Amorphota ephestiae* Cam., *Limnerium christianae* Cheesm.); *inquinata* Morl., (= *Campoplex binghami* Morl., *Rhimphoctona pluto* Morl.) p. 222, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Diadegma Foerst. (= *Areolina* End., *Neoarthula* Rao) p. 234; *muelleri* Wh. & Btlr. (= *Limneria zealandica* Cam.); *trichoptilus* Cam. (= *Dioctes debilis* Morl.) p. 238, TOWNES, H. & M. & GUPTA t.c.

Diadromus pimplarius **var. n.** *niger* Rumania p. 18, CONSTANTINEANU Stud. Cercet. st. Biol. St. agric. Iasi **10** 1959.

Diapetimorpha venturii Schrttky. from *Hemiteles* p. 28 figs., MILLÁN DE DE SANTIS & DE SANTIS Rev. Invest. agric. **14** 1960.

Diapetus dissipus see *Nematopodius luteus*.

Diatora Foerst. (= *Apanteloctonus* Seyr.) p. 122, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Dicaelotus cameroni **var. n.** *nigroclypeatus* p. 14; *ruficoxatus* **var. n.** *nigrescens* p. 17 Rumania fig., CONSTANTINEANU Stud. Cercet. st. Biol. St. agric. Iasi **10** 1959.

Dicamptus nigropictus Mats. (= *n.* var. *fuscus* Uch.) p. 267, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Dichelobosmina papilionis Ashm. (= *tuberculata* Uch., *Charops arctornisae* Son.) p. 248, TOWNES, H. & M. & GUPTA t.c.

Dichrogaster Doum. (= *Otacustes* Foerst., *Xenobrachys* Foerst.) p. 121, TOWNES, H. & M. & GUPTA t.c.

Dicoelotus striatifrons see *Aucklandella.*

Didiaspis see *Eurycryptus.*

Dimaetha Cam. (= *Erythrojoppa* Cam.); *ferruginea* Cam. (= *E. lineata* Cam.) p. 418, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Dinocryptus Cam. (= *D.* Szép., *Megacryptus* Szép.) p. 198; *niger* Cam. (= *tristis* Szép.) p. 199, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Dioborus see *Aphanistes.*

Dioctes debilis see *Diadegma trichoptilus*; *chilonis* see *Eriborus sinicus.*

Diplazon orientalis Cam. (= *Bassus clotho* Morl.) p. 333, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Dolichomitus macropunctatus urainus Son. (= *Ephialtes posticus* Son.) p. 15, TOWNES, H. & M. & GUPTA t.c.

Druscia see *Eccoptosage.*

Dusona Cam. (= *Delopia* Cam., *Thymarimorpha* Vier., *Zachrestinus* End.) p. 229; *sumptuosa* Cam. (= ? *Campoplex fuscipalpus* Cam.) p. 233, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.—*D. latiseta* Bohemia p. 255, *longiseta* Austria p. 256 **spp. n.** fig., HINZ Dtsch. ent. Z. (N.F.) **8.**—*D. victor* **var. n.** *rufifemur* Latvia pp. 138, 144, OZOLS Trudÿ Akad. Nauk latv. Inst. Biol. **12** 1959.—*D. disculus* ♂ p. 233, AUBERT Bull. Soc. ent. Fr. **65.**

Dysantes see *Mesoleius.*

Eccoptosage Kriechb. (= *Acanthojoppa* Cam., *Druscia* Cam.); *b. brevispinosa* Tosq. (= *Ischnojoppa javana* Szép., *A. charlottae* Heinr.) p. 351; *cincticornis* Cam. (= (?) *minor* Szépl.) p. 352; *nigromaculata* Cam. (= *A. nigrolineata* Cam., *A. dudgeonii* Cam.); *s. schizoaspis* Cam. (= *A. flavoorbitalis* Cam.) p. 353; *waageni* Kriechb. (= *A. indica* Cam., *A. tinctipennis* Cam.); *x. xanthopsis* Cam. (= *A. varicornis* Cam., *A. tricolor* Cam.) p. 354, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Echthromorpha a. agrestoria Swed. (= *Ichneumon melioratorius* F.) p. 34; *a. interrupta* Brll. (= *Notiopimpla platymischa* Vach.) p. 38; *a. notulatoria* F. (= *latibalteata* Cam. p. 40, *robusta* Cam., *Pimpla punctum* Brll., *P. pulchrimaculata* Cam., *Chrysopimpla persimilis* Cam. p. 39), TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.—*E. agrestoria conopleura* Krieg. (= *notulatoria* var. *immaculata* Morl.) pp. 168, 176; *a. interrupta* Brll. (= *inermis* Morl. p. 176, *Notiopimpla platymischa* Vach. pp. 173, 177) from *Pimpla* p. 177, TOWNES Proc. ent. Soc. Wash. **63.**

Ecphora see *Campoletis.*

Ecphoropsis longiceps see *Campoletis.*

Ectopimorpha key to N.E. American spp. p. 483; *hiulcops* Br. Columbia, Saskatchewan p. 486, *limerodops* p. 487, *californica* p. 490, *boops* p. 494 California, *utahensis* Utah p. 493 **spp. n.** figs., HEINRICH Canad. Ent. suppl. 23.

Edrisa see *Mesochorus.*

Enchisiades see *Darachosia.*

Enderleinia see *Occia.*

Enicospilus biconatus **n. n.** for *javanus* End. preocc.; *b.* Townes, H. & M. & Gupta (= *Amesospilus interruptus* End.) p. 270; *dasychirae* Cam. (= *horsfieldi* Cam., *nigrimarginalis* Cushm., *Henicospilus borneensis* Szépl.) p. 273; *debilis* Perk. (= *Pleuroneurophion ferrugineus* Perk.); *dubitator* Morl. (= *H. stramineus* Morl.) p. 274; *erythrocerus* Cam. (= *Allocamptus orientalis* Uch.); *flavicaput* Morl. (= *H. urospilus* End.); *flavocephalus* Kby. (= *H. albicaput* Morl.) p. 275; *lineatus* Cam. (= *funereus* Perk.) p. 279; *melanocarpus* Cam. (= *H. crassivena* End.) p. 281; *monospilus* Cam. (= *Am. nigricosta* End.); *montaguei* Turn. (= *H. iaramus* Cheesm.) p. 282; *nigribasalis* Uch. (= *H. tainanensis* Uch.) p. 283; *nocturnus* Kohl (= *H. batavianus* Szépl., *H. atricornis* var. *zeylanicus* Morl.) p. 284; *okinawensis* Mats. & Uch. (= *H. riukiuensis* Mats. & Uch.) p. 285; *pinguivena* End. (= *H. gyochinensis* Uch.) p. 286; *semiopacus* Mats. (= *Am. nigrostemmaticus* End.) p. 288; *signativentris* Tosq. (= *H. nigrosignatus* End.) p. 289; *stimulator* Sm. (= *H. flagellaris* Szépl.); *tristrigatus* End. (= *frater* Cushm., *H. emacescens* End., *H. formosanus* End., *H. taiwanus* Uch.) p. 291; *uncivena* End. (= *reticulatus* Cam., *nigrivenalis* Cushm., *H. nigrinervis* Szépl.) p. 292; *vestigator* Sm. (= *receptor* Chiu, *H. diversus* Szépl.) p. 293, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.—*E. glabratus* Say (= *Allocamptus cubitalis* Morl.) p. 103; *bifoveolatus* Brll. (= *Ophion stramineus* Tasch.) from *O.* p. 111, TOWNES Proc. ent. Soc. Wash. **63.**—*E. undulatus* Grav. (= *Ophion arcuatus* Brll.) pp. 172, 175; *rufus* Brll. (= *Amesospilus insidiosus* End. pp. 172, 176) pp. 173, 178, *albigena* Tasch. from *O.*; *alienus* Morl. from *Stauropodoctonus* p. 175, TOWNES t.c.

Ephialtes arundinator ♂ p. 175, AUBERT Ann. Soc. ent. Fr. **130.**—*E. populneus, messor* ♀ distinguishing characters p. 255 figs., PERKINS in HINZ Dtsch. ent. Z. (N.S.) **8.**—*E. brevis, manifestator* compared p. 88, HELLÉN Notul. ent. **41.**—*E. posticus* see *Dolichomitus macropunctatus urainus*; *longiventris, lachesis* see *Leptopimpla.*

Ephonites see *Banchopsis.*

Epicremastus see *Trathala.*

Epirhyssa tuberculata see *Cyrtorhyssa mesopyrrha*; *lineaticutis* see *Sychnostigma cruciatum*; *carinata* see *Triancyra.*

Epiurus hakonensis, satanas see *Iseropus himalayensis.*

Eriborus Foerst. (= *Zaporus* Foerst., *Bosmina* Cam.) p. 243; *giganteus* Szépl. (= *Angitia* (*Dioctes*) *punctoria* Roman.) p. 245; *sinicus* Hlmgr. (= *Anomalon lineatum* Ish., *Dioctes chilonis* Cushm.) p. 246, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.—*E. braccatus* **f. n.** *niger* Corsica p. 183, AUBERT Ann. Soc. ent. Fr. **130.**—*E. triannulatus* see *Campoplex.*

Eripternimorpha scirpophagae see *Amauromorpha accepta.*

Eristicus erythrogaster see *Degithina decepta*; *binotatus* see *Pterocormus cinctus*.

Erythroischnus see *Linycus*.

Erythrojoppa see *Dimaetha*; *lineata* see *E. ferruginea*.

Erythrophion see *Anomalon*.

Erythropimpla pallidiceps see *Camptotypus incisus*.

Etha khasiana, lacteiventris see *Apocryptus fusciventris*.

Ethimetopius **gen. n.** (allied to *Metopius*) p. 22, *nodiformis* Congo p. 23, *butor* Madagascar p. 26 **spp. n.** figs., BENOIT Rev. Zool. Bot. afr. **63.**—*E. butor* **sp. n.** Madagascar p. 303 figs., BENOIT t.c.

Euceribanchus see *Banchopsis*; *maculipennis* see *B. crassicornis*.

Euceros frigidus planidium p. 45 figs., TRIPP Canad. Ent. **93.**

Euchalinus **gen. n.** for *Skeatia balteata* Cam. (type), *flavipes* Cam., *Neomesostenus bicingulatus* Szépl., *pulchripes* Szépl., *Mesostenus pugnatus* Cam., *respondens* Cam., *reticulatus* Cam., *Cryptus sciolus* Tosq., *Ancaria sundaica* Betr., *Gambrus variegatus* Szépl., *Melcha annulipes* Cam.; *pedalis* **n. n.** for *M. a.* Cam. 1905 nec 1903 pp. 158, 471, H. TOWNES in TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Eucremastus Foerst. (= *Eugnomus* Foerst., *Cephalobolus* Morl.); *manni* Tschek. (= *brevicornis* Szépl.) from *E.* p. 259, TOWNES, H. & M. & GUPTA t.c.

Eugalta Cam. (= *Paraxylophrurus* Cam., *Allostomus* Cam.); *maculiseutis* Cam. from *P.* p. 79; *longipes* Cam. (= *Xorides indicus* Szépl.) p. 80, TOWNES, H. & M. & GUPTA t.c.

Eugnomus see *Eucremastus*; *manni* see *E.*

Eupalamus Wesm. (= *Xestojoppa* Cam., *Cosmiojoppa* Cam., *Lynteira* Cam., *Faesula* Cam., *Mesophadnus* Cam.) p. 376; *olivaceus* Cam. (= *Xanthojoppa nigrolineata* Cam.) p. 377, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.—*E. andersoni* Br. Columbia p. 385, *melacneme* Ontario, Quebec p. 386 **spp. n.** figs., HEINRICH Canad. Ent. suppl. 23.

Eurycamptus latipennis Kby. from *Ophion* pp. 172, 177, TOWNES Proc. ent. Soc. Wash. **63.**—*E. novascotiae* see *Ophion nigrovarius*.

Eurycryptus Cam. (= *Alriada* Cam., *Neotorbda* Uch., *Didiaspis* Seyr.) p. 193, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Eutanyacra spp. of N.E. America (key pp. 423–426) pp. 422–450; *miraculosa* p. 434, *pycnopus* p. 435, *hiemans* p. 436, *vilissima* (with **subsp. n.** *rubricosa* p. 441) pp. 439, 440, *solitaria* p. 442, *validiceps* p. 443, *trivittata* p. 448 **spp. n.**; *improvisa* **subsp. n.** *columbiana* p. 428 N.E. America figs., HEINRICH Canad. Ent. suppl. 23.

Evirchoma see *Bystra*.

Exacrodus see *Perilissus*; *populans* see *P. cingulator*.

Exephanes californicus **sp. n.** California p. 480; *terminalis* **subsp. n.** *immaculatus* Colorado p. 479, HEINRICH Canad. Ent. suppl. 23.

Exeristes roborator F. (= *Pimpla nursei* Cam.) p. 11, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Exetastes Grav. (= *Icyona* Cam., *Rhynchexetastes* Cam.); *cameroni* **n. n.** for *rufipes* Cam. nec Gmel.; *c.* Townes H. & M. & Gupta (= *Tegona r.* Morl.) p. 210, TOWNES, H. & M. & GUPTA t.c.—*E. adpressorius* **var. n.** *nigritarsis* Rumania p. 55, CONSTANTINEANU & PISICĂ Stud. Cercet. st. Biol. St. agric. Iasi **11** 1960.—*E. adpressorius* **var. n.** *nigritarsis* p. 249; *nigripes* **varr. n.** *postfurcalis, rufoclypeatus* p. 251 Rumania figs., CONSTANTINEANU & PISICĂ op. cit. **12.**—*E. longicornis* see *Goryphus basilaris*.

Exochilum neglectum see *Gravenhorstia*; *verticale* see *Therion fuscipenne*; *diabolum* see *T. tenuipes*; *chinense* see *Habronyx pyretorum*.

Exochus bolivari **subsp. n.** *corsicator* p. 179; *tibialis* **f. n.** *ruficoxa* p. 180 Corsica, AUBERT Ann. Soc. ent. Fr. **130.**—*E. meridionator* Aub. a subsp. of *coronatus* p. 231, AUBERT Bull. Soc. ent. Fr. **65.**—*E. szepligetii* **n. n.** for (*Amesolytus*) *melanarius* Szépl. nec Holmgr. p. 436, BAJÁRI Ann. hist.-nat. Mus. hung. **53.**—*E. curvicarinatus* see *Triclistus aitkini*.

Faesula see *Eupalmus*.

Fedalma see *Oronotus*.

Fenenias see *Goryphus*; *cameroni* see *Gotra actuaria*; *diversus* see *Got. longicornis*.

Fislistina Cam. (= *Cratocryptus* Cam.) p. 156; *maculiceps* Cam. (= *Loiada maculiceps* Cam.) p. 157, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Flavopimpla nigromaculata Cam. (= *mangae* Betr., *Calliephialtes xanthosoma* Morl.) p. 13, TOWNES, H. & M. & GUPTA t.c.

Formocryptus Uch. (= *Odontocryptus* Cam.), *bidentatus* Cam. (= *tenuicornis* Uch. p. 121, *O. sulcatus* Cam.) p. 120, TOWNES, H. & M. & GUPTA t.c.

Friona Cam. (= *Lactolus* Cam.) p. 168; *frontella* Cam. (= *varipes* Cam.) p. 169; *reticulata* Cam. (= *L. basimacula* Cam.) p. 170, TOWNES, H. & M. & GUPTA t.c.

Gambroides see *Isotima*.

Gambrus variegatus see *Euchalinus*; *similis* see *Goryphus apicalis*; *facialis* see *Xoridesopus schuleri*.

Gastroporus see *Ctenochira*.

Gavrana Cam. (= *Rossiter a* Cheesm.) p. 350, TOWNES H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Gelis faunus **var. n.** *nanus*; *parfentievi* **var. n.** *nigricornis* Rumania p. 63 fig., CONSTANTINEANU Stud. Cercet. st. Biol. St. agric. Iasi **11** 1960.—*G.* Thnb. (= *Asthenoptera* Foerst., *Urithreptus* Foerst., *Cryptogelis* Hell.) p. 124, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Giraudia Foerst. (= *Colocnema* Foerst.) p. 137, TOWNES, H. & M. & GUPTA t.c.

Glypta thomsoni **var. n.** *nigricoxis* Rumania p. 15, CONSTANTINEANU Stud. Cercet. st. Biol. St. agric. Iasi 9 1958.—*G. crenulata* **var. n.** *rufoclypeata* Rumania p. 276 fig., CONSTANTINEANU & PISICĂ Stud. Cercet. st. Biol. St. agric. Iasi **11** 1960.—*G. habermani* **sp. n.** Estonia pp. 122, 144 figs., OZOLS Trudy Acad. Nauk latv. Inst. Biol. **12** 1959.

Glyptojoppa see *Amblyjoppa*.

Glyptopimpla see *Teleutaea*.

Gongropelma formosanum see *Charops bicolor*.

Goniocryptus pauper **var. n.** *schmiedeknechti* Rumania p. 319, CONSTANTINEANU An. St. Univ. Iasi (N.S.) II **7.**—

G. ingratus **var. n.** *ramellatus* Rumania p. 60 fig., CONSTANTINEANU Stud. Cercet. st. Biol. St. agric. Iasi **11** 1960.

Goryphus Hlmgr. (= *Skeatia* Cam., *Latteva* Cam., *Fenenias* Cam., *Holia* Seyr.) p. 146; *apicalis* Hlmgr. (= *Agrothereutes nigritarsis* Ashm., *Gambrus similis* Szépl.); *basilaris* Hlmgr. (= *Exetastes longicornis* Ish.) p. 148; *brookeanus* Cam. (= *Sk. nigrispina* Cam.) p. 149; *fuscinervis* Cam. (= *suishanus* Uch., *Mesostenus* (*Stenarella*) *subpentagonalis* Uch.); *hyalinoides* Uch. (= *kurarensis* Uch., *M. opacus* Szépl., *Ancaria vandervechti* Betr.) p. 150; *mesoxanthus detritus* Hlmgr. (= *M.* (*M.*) *taiwanus* Uch.); *m. mesoxanthus* Brll. (= *javanicus* Rom., *mes. montana* Cheesm.) p. 152; *mes. unifasciatus* Ashm. (= *Isotima metathoracica* Ashm., *Agr. albipalpis* Ashm.) p. 153; *ornatipennis* Cam. (= *kalshoveni* Betr.); *semiglaber* Szépl. (= *kokodensis* Cheesm., *M. unifasciatus* Szépl., *M. communis* Szépl., *M. fragilis* Szépl.) p. 154, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.—*G. elegantulus* Brll. (= *Buodias nigripes* Cam. pp. 167, 177) from *Cryptus* pp. 167, 176, TOWNES Proc. ent. Soc. Wash. **63.**—*G. taiwanellus rufithorax* see *Isotima r.*

Gotra Cam. (= *Palmerella* Cam.); *a. actuaria* Tosq. (= *Mesostenus interritus* Tosq., *Fenenias cameroni* Szépl.) p. 177; *albospinosa* Sm. (= *M. molestus* Sm.); *emaculata* Szépl. (= *wollastoni* Cheesm.) p. 178; *longicornis* Cam. (= *fulvipes* Cam., *Skeatia javanica* Cam., *F. diversus* Szépl.) p. 179; *marginata* Brll. (= *M. himalayensis* Cam., *M. clarinervis* Cam., *Mesostenoideus octozonatus* Ashm., *Stenaraeus rufipes* Szépl.) p. 180; *nigra* Cam. (= *Palmerella longispina* Cam.) p. 181, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Gravenhorstia Boie (= *Hadromanus* Szépl., *Kokujewiella* Schest.) p. 313; *pilosella* Cam. (= *Barylypa rufolineata* Cam.) p. 314, TOWNES, H. & M. & GUPTA t.c.—*G. neglecta* Morl. from *Exochilum* p. 106, TOWNES Proc. ent. Soc. Wash. **63.**

Griphodes see *Philotymma.*

Gyrodonta Cam. (= *Pielia* Uch.) p. 375, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Gyrodontinae **subfam. n.** p. 693, CONSTANTINEANU Beitr. Ent. **11.**

Habronyx Foerst. (= *Acanthostoma* Kriechb.); *pyretorum* Cam. (= *Exochilum chinense* Morl.) p. 312, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Habropimpla sesamiae see *Xanthopimpla stemmator.*

Hadrocryptus Cam. (= *Hoplonopsis* Szépl.) p. 193, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Hadrodactylus faciator Thnb. (= *semirufus* Hlmgr.) p. 96, HELLÉN Notul. ent. **41.**

Hadromanus see *Gravenhorstia.*

Haliphera maculipes, flavomaculata, latibalteata see *Achaius flavobalteatus*; *ornatipes* see *Cratichneumon rufofemoratus.*

Halphurnia ornatipes see *Cratichneumon rufofemoratus.*

Haplaspis see *Lysibia.*

Haristaeus see *Trathala.*

Helictes coxalis **subsp. n.** *meridionator* Corsica p. 186, AUBERT Ann. Soc. ent. Fr. **130.**

Hellwigia Grav. systematic position discussed pp. 168, 175, VIKTOROV Ent. Obozr. **40.**

Hemigaster Brll. (= *Asius* Tosq., *Charmis* Tosq.) p. 132; *fulvipes* Cam. (= *C. limbatus*) p. 133, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Hemiphatnus see *Nematopodius.*

Hemipimpla megaloura identity & position in Morley's key discussed pp. 6–8 fig., DA COSTA LIMA & GUITTON Bol. Mus. nac. (N.S.) Zool. no. 225.

Hemiteles macroplectrae **sp. n.** Ceylon p. 250, FERNANDO Ceylon J. Sci. (Biol. Sci.) **2** 1959.—*H. esenbeckii* of Latvia p. 131 fig., OZOLS Trudȳ Akad. Nauk latv. Inst. Biol. **12** 1959.—*H. clipeator* see *Symplecis*; *gastricus* see *Charitopes*; *venturii* see *Diapetimorpha*; *ornatitarsis* see *Stenaoplus*; *destructivus* see *Xenolytus bitinctus.*

Henicospilus borneensis see *Enicospilus dasychirae*; *stramineus* see *E. dubitator*; *urospilus* see *E. flavicaput*; *albicaput* see *E. flavocephalus*; *crassivena* see *E. melanocarpus*; *iaramus* see *E. montaguei*; *tainanensis* see *E. nigribasalis*; *batavianus, atricornis zeylanicus* see *E. nocturnus*; *riukiuensis* see *E. okinawensis*; *gyochinensis* see *E. pinguivena*; *nigrosignatus* see *E. signativentris*; *flagellaris* see *E. stimulator*; *emacescens, formosanus, taiwanus* see *E. tristrigatus*; *diversus* see *E. vestigator.*

Herpestomus nitidus **sp. n.** Rumania p. 14 figs., CONSTANTINEANU Mitt. dtsch. ent. Ges. **20.**—*H. neirae* **sp. n.** [? Spain] p. 9, CEBALLOS Y FERNÁNDEZ DE CÓRDOBA Montes **17.** [Not seen.]

Heterotypus see *Apsilops.*

Holcojoppa Cam. (= *Pedinojoppa* Heinr.); *orientalis* Kriechb. (= *flavipennis* Cam.) p. 398; *pyrina* **n. n.** for *o.* Szépl. nec Kriechb. p. 399, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Holia see *Goryphus.*

Homotherus semiaoplus p. 173, *townesi* p. 175 Maine, *porcelariae* Manitoba, Ontario, Maine p. 177 **spp. n.** figs., HEINRICH Canad. Ent. **92** suppl. 18.

Homotropus pacificus Crssn. (= *Bassus maculifrons* Hlmgr.) p. 104, TOWNES Proc. ent. Soc. Wash. **63.**

Hoplismenus spp. of N.E. America (key to spp. of Amer. north of Mexico p. 651) pp. 649–659; *polyleucos* **sp. n.** Ontario p. 659; *rutilus* **subsp. n.** *borealis* Northwest Territ., Saskatchewan, Manitoba p. 657 figs., HEINRICH Canad. Ent. suppl. 26.—*H.* Grav. (= *Peritaenius* Foerst., *Taeniaspis* Clém.) p. 356, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.—*H. uniguttatus* **subsp. n.** *meridionator* Corsica p. 162, AUBERT Ann. Soc. ent. Fr. **130.**

Hoplocryptus signatorius **var. n.** *tricolor*; *fugitivus* **var. n.** *nigroclypeatus* Rumania p. 320, CONSTANTINEANU An. St. Univ. Iasi (N.S.) II **7.**—*H.* see *Aritranis*; *binotatus* see *A. fugitiva.*

Hoplonopsis see *Hadrocryptus.*

Horogenes hospitus Hlmgr. from *Limneria* p. 110, TOWNES Proc. ent. Soc. Wash. **63.**—*H. chrysosticta* **f. n.** *nigra* France; *brevivalvis* ♂ p. 237, *holopyga* ♂ p. 238, AUBERT Bull. Soc. ent. Fr. **65.**—*H. chrysosticta* **subsp. n.** *corsicator* Corsica p. 183, AUBERT Ann. Soc. ent. Fr. **130.**

Hybophanes ops **subsp. n.** *meridionator* Corsica p. 176, AUBERT t.c.

Hybophorellus baffinensis **sp. n.** Baffin I. p. 565, HEINRICH Canad. Ent. suppl. 26.

Hymenenderleinia see *Occia.*

Hyperbatus see *Mesoleius.*

Hyposoter romani **sp. n.** Latvia pp. 139, 144 figs., OZOLS Trudȳ Akad. Nauk latv. Inst. Biol. **12** 1959.—*H. himalayensis* Cam. (= *Limnerium erythropus* Cam.) p. 241, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Iaria interstitialis Cam. (= *punctulata* Cheesm.) p. 186, TOWNES, H. & M. & GUPTA t.c.

Ichneumon L. (= *Taphanes* Cam., *Spilojoppa* Cam., *Shalisha* Cam., *Lodryca* Cam.); *albopilosellus* Cam. (= *Coelichneumon bilineatus* Cam.) p. 403; *c. caeruleofloršatus* Cam. (= *Aglaojoppa maculipes* Cam.) p. 404; *davolineatus* Cam. (= *A. 5-maculata* Cam., *A. latemaculata* Cam., *A. maculipes* Cam.); *flavomaculatus* Cam. (= *A. violaceipennis* Cam., *A. quadrimaculata* Cam., ?*Badyorygma flavoguttatum* Uch.) p. 405; *godwinausteni* Cam. (= *Cyanojoppa caerulea* Cam.) p. 406; *maculiscutis* Cam. (= *A. cariniscutis* Cam.) p. 407; *vittiger* **n. n.** for *rufofemorata* Cam. 1905 nec 1903 p. 409, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.—*I.* spp. of eastern N. America (key pp. 214–231) pp. 211–368; *o. oblitus* (with **subsp. n.** *polyglaucos* p. 236) pp. 234, 235, *neosarcitor* p. 244, *glaucopygos* p. 248, *stagniphilos* p. 249, *conscopa* p. 250, *pseudowinkleyi* p. 252, *anonymus* p. 255, *tritus* p. 256, *hypermelanos*, *chasmodops* p. 259, *pycnocephalos* p. 261, *hippisleyae* p. 264, *substituens* p. 265, *leucocoxalis* p. 266, *pusillamoenus* p. 272, *pumiliops* p. 276, *browni* p. 277, *gracilicornops* p. 278, *pseudomaius* p. 280, *subversatus* p. 283, *pseudovivax* p. 286, *valdopacus* p. 287, *canadicola* p. 293, *grandisops* p. 305, *perlugubris*, *heterodon* p. 306, *suburbanus* p. 307, *foxleei* p. 309, *homoiodon* p. 311, *feriens* p. 321, *homorus* p. 322, *microferiens* p. 323, *eurypus* p. 325, *polargus* p. 327, *neomolitor* p. 329, *melanarcticus* p. 331, *broweri* p. 337, *walleyi* p. 338, *dioryctiae* p. 341, *mystificans* p. 342 **spp. n.**; *nereni* **subsp. n.** *emigrator* p. 289 E. N. America; *laetus*, *annulatorius* ♂ distinguishing characters p. 233; *fuscifrons* chromatic variability p. 296 figs., HEINRICH Canad. Ent. **93** suppl. 21.—*I. confusor* **subsp. n.** *corsicator*; *extensorius* **subsp. n.** *corsicator* Corsica p. 164, AUBERT Ann. Soc. ent. Fr. **130**.—*I. gracilicornis* **var. n.** *albopunctatus* p. 56; *xanthorius* **var. n.** *flavometathoracicus* p. 57 Rumania figs., CONSTANTINEANU & others An. st. Univ. Iasi (N.S.) II **6** 1960.—*I. spilostomus* see *Algathia suavida*; *nutatorius* see *Aprix*; *ixia*, *falsus*, *frederici* see *Aucklandella conspirata*; *placidus* see *Auck. pyrastis*; *colensii*, *brouni*, *richardi* see *Auck. ursula*; *deceptus*, *sollicitorius* see *Degithina*; *perfidiosus* see *D. decepta*; *melioratorius* see *Echthromorpha agrestoria*; *decoratorius*, *atraxidia*, *ischioleucus*, *leodacus* see *Levansa*; *consanguineus*, *insidiator*, *helmsii* see *Pterocormus lotatorius*; *lautatorius* see *P.*; *atalantae gestator* (*japonica*) see *Theronia*; *ruspator* (*dentipes*) see *Odontocolon*; *nigratorius*, *nigriculus* see *Amblyjoppa p. proteus*; *annulatorius* (*funestus*), *lugubrator* (*rufiventris*) see *Pterocormus*; *astutus* (*russatus*) see *Cratichneumon*; *banchiformis* (*spinaria*) see *Cryptanura*; *detritus* see *Probolus*; *groenlandicus* see *Aoplus*; *ferrugator* see *Banchus flavescens*; *mathewi* see *Stenichneumon culpator cincticornis*; *blanchardi* see *Rubicundiella*; *rubicundus* see *R. perturbatrix*; *saundersi* see *Stenobarichneumon.*

Icyona see *Exetastes.*

Idiolispa Foerst. (= *Paracryptus* Szépl.) p. 166, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Intermedichneumon ocellus Tosq. (= *Aglaojoppa formosana* Uch., *Melanichneumon* (*I.*) *o. malaccensis* Heinr.) p. 380, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Irabatha agilis Sm. (= *Mesostenoideus trianguliferus* Cam.); *albispina* Cam. (= *M. ornatifrons* Cam.) p. 173; *pulcherrima* Sm. (= *M. enitescens*, *Stenarella tuberculata* Szépl.) p. 174, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Ischnaeops see *Perilissus.*

Ischnojoppa javana see *Eccoptosage brevispinosa.*

Ischnus truncator **var. n.** *rufescens* Rumania p. 13, CONSTANTINEANU Stud. Cercet. st. Biol. St. agric. Iasi **10** 1959.—*I.* Grav. (= *Aglaocryptus* Cam.) p. 163, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Iseropus Foerst. (= *Cnemopimpla* Cam.); *himalayensis* Cam. (= *heichinus* Son., *Epiurus hakonensis* Ashm., *E. satanas* Morl.) p. 19, TOWNES, H. & M. & GUPTA t.c.

Isodiaeta see *Mesoleius.*

Isotima Foerst. (= *Gambroides* Betr., *Vadonina* Seyr.) p. 144; *decens* Tosq. (= *Ancaria longicornuta* Betr.); *pusilla* Szépl. (= *Neomesostenus minutus* Szépl.) p. 145; *rufithorax* Szépl. (= ? *Goryphus taiwanellus* f. *rufithorax* Uch.) p. 146, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.—*I. metathoracica* see *Goryphus mesoxanthus unifasciatus.*

Itoplectis cristatae **sp. n.** Japan; *naranyae* Ashm. (= *Nesopimpla rufiventris* Son.) p. 271, MOMOI Kontyû **29**. —*I. naranyae* Ashm. (= *Nesopimpla rufiventris* Son.) p. 27, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Javra Cam. (= *Cnemocryptus* Cam.); *parviceps* Cam. (= *C. validicornis* Cam.) p. 139, TOWNES, H. & M. & GUPTA t.c.

Jethsura pyriformis Prov. (= *ferruginea* Cam.) from *Phaeogenes* p. 109, TOWNES Proc. ent. Soc. Wash. **63**.

Joppa spinosa see *Baryceros guttata.*

Joppomorpha see *Losgna.*

Kokujewiella see *Gravenhorstia.*

Labrorychus Foerst. (= *Trichonotus* Cam., *Trichionotus* Cam., *Phaenolabrorychus* Vier.) p. 316; *suzukii* Mats. (= *Agrypon nigrinotum* Mats. & Uch., *A. s.* **var.** *nigromaculatum* Uch.) p. 318, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Lactolus see *Friona*; *basimacula* see *F. reticulata.*

Laegula see *Achaius*; *annulata* see *A. flavobalteatus.*

Lagarista see *Legnatia.*

Lamprocryptidea ruficoxis Brll. from *Mesostenus* pp. 171, 178, TOWNES Proc. ent. Soc. Wash. **63**.

Lamprocryptus see *Trachysphyrus.*

Lamprojoppa see *Platylabus.*

Lampronota Curt. (= *Ctenopimpla* Cam.) p. 204, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Lareiga alboannulata see *Cratichneumon clotho.*

Lathrostizus insularis see *Devorgilla canescens.*

Latteva see *Goryphus.*

Legnatia Cam. (= *Lagarista* Cam.) p. 359, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneumon.

Leptobatopsis indica Cam. (= *Nemeritis albovaria* Tosq.) p. 208; *v-maculata* Cam. (= *grandicolor* RAO, *Lissonota binghami* Cam.) p. 209, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Leptoglyphis see *Syzeuctus*.

Leptophion Cam. (= *Spilophion* Cam.); *longiventris* Cam. (= *Coiloneura melanostigma* Szépl.) p. 265, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Leptopimpla **gen. n.** for *Ephialtes longiventris* Cam. (type), *lachesis* Morl. pp. 13, 471, H. TOWNES in TOWNES, H. & M. & GUPTA t.c.

Leptothecus see *Cratichneumon*.

Levansa **gen. n.** for *Ichneumon decoratorius* F. (type), *atraxidia* Cam., *ischioleucus* Brll., *leodacus* Cam. pp. 394, 474, H. TOWNES in TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Limerodops mariannae **sp. n.** Maine, Nova Scotia, Ontario, Massachusetts p. 383 figs., HEINRICH Canad. Ent. suppl. 23.

Limneria hospita see *Horogenes*; *zealandica* see *Diadegma muelleri*.

Limnerium christianae see *Devorgilla canescens*; *erythropus* see *Hyposoter himalayensis*.

Linycus Cam. (= *Erythroischnus* Cam.) p. 394, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Lissonota parallela **var. n.** *worelli* Rumania p. 18 fig., CONSTANTINEANU Stud. Cercet. st. Biol. St. agric. Iasi 9 1958.—*L. parallela* **varr. n.** *albopostscutellata* p. 53, *variegata*, *nigrobasalis*; *clypeator* **varr. n.** *triangularis* p. 277, *bimaculata*, *niger* p. 53; *distincta* **var. n.** *bipunctata*; *facialis* **var. n.** *nigrifacies* p. 54; *strigifrons* **var. n.** *nigropostscutellata*; *pleuralis* **var. n.** *intermedia* p. 278 Rumania figs., CONSTANTINEANU & PISICĂ Stud. Cercet. st. Biol. St. agric. Iasi 11 1960.—*L. semistriata* see *Agathis* (Brac.); *binghami* see *Leptobatopsis v-maculata*; *brevicaudata* see *Stictolissonota foveata*.

Lissopimpla basalis Vlnh. (= *Trichrus stupenda* Tosq.) p. 47, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Lissosculpta javanica Cam. (= *Aglaojoppa sathanus* Morl., *A. okinawana* Uch., *Melanichneumon* (*L.*) *effigies* Heinr.) p. 379, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Listrodromus Wesm. (= *Sogna* Cam.) p. 391; *crassipes* Cam. (= *Neotypus flavipes* Uch.) p. 392, TOWNES, H. & others t.c.

Listrognathus (*Stivadens* **subgen. n.** H. Townes) pp. 177, 472; (*Suvalta*) *mobilis* Tosq. (= *Cryptus serius* Tosq.) p. 176, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Lodryca see *Ichneumon*.

Lolada maculiceps see *Fislistina*.

Lorenzia see *Xanthocryptus*.

Lorio alternus Szépl. (= *Stenarella ingentia* Szépl.) p. 162, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Lortygia see *Bystra*.

Losgna Cam. (= *Aluina* Cam., *Joppomorpha* Cam.) p. 355, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Lynteira see *Eupalamus*.

Lysibia Foerst. (= *Pemon* Foerst., *Haplaspis* Town.) p. 123, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Lytarmes hyalinipennis Cam. a f. of *maculipennis*; *m. m.* Sm. (= *sumatranus* End.); *m. varilineatus* Cam. (= *Rhyssa nigritarsis* Cam.) p. 84, TOWNES, H. & M. & GUPTA t.c.—*L. giganteus* see *Cyrtorhyssa mesopyrrha*.

Magrettia see *Charitojoppa*.

Mansa funerea Turn. (= *bicolor* Cush.) p. 134; *minor* Szépl. (= *formosana* Cush.) p. 135, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Mastrus (*Hemiteles*) *castaneus* ♂ p. 173, AUBERT Ann. Soc. ent. Fr. **130.**

Megacryptus see *Dinocryptus*.

Megastylus Schiød. (= *Miomeroides* Kiss) p. 328, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Melanichneumon spp. of N.E. America (keys to subgenn. & spp. of Amer. north of Mexico pp. 580–583) pp. 578–632; (*M.* key to spp. (♀♀) of Amer. north of Mexico p. 584) *dreisbachi* p. 585, (*M.*) *foxleei* p. 586, (*M.*) *indecoratus* p. 589, (*M.*) *lissorufus* p. 591, (*M.*) *flavicarina* p. 594, (*M.*) *townesi* p. 596, (*M.*) *leviculops* p. 600, (*Barichneumon* key to spp. (♀♀) of E. N. Amer. p. 620) *excelsior* p. 627, *peramoenus* p. 631, (*B.*) *sorex* **spp. n.** N. E. America; (*Vulgichneumon* key to spp. (♀♀) of E. N. Amer. p. 605) *terminalis* **subsp. n.** *carolinensis* p. 619; *bimacularis* Dalla T. reduced to var. of (*B.*) *soror* p. 624 figs., HEINRICH Canad. Ent. suppl. 26.—*M. ocellus malaccensis* see *Intermedichneumon o.*; *effigies* see *Lissosculpta javanica*.

Melcha see *Buodias*; *annulipes* see *Euchalinus*.

Menkokia see *Bystra*.

Mesochorus Grav. (= *Edrisa* Cam.) p. 296, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.—*M. indica* see *Stictopisthus plusiaephilus*.

Mesoclistus rufipes **varr. n.** *flavomaculatus*, *rufometathoracicus* Rumania p. 23 fig., CONSTANTINEANU Stud. Cercet. st. Biol. St. agric. Iasi 9 1958.

Mesocryptus see *Trachysphyrus*.

Mesoleius Hlmgr. (= *Zootrephes* Foerst., *Isodiaeta* Foerst., *Adranes* Foerst., *Zemiophron* Foerst., *Dysantes* Foerst., *Hyperbatus* Foerst., *Scoparches* Foerst., *Alloritus* Foerst., *Rhinotorus* Foerst., *Phagesorus* Foerst., *Campodorus* Foerst.) p. 215, TOWNES, H. &. M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.—*M. ribesii* **sp. n.** Germany p. 759 figs., BAUER Beitr. Ent. **11.**—*M. loderi* **sp. n.** Germany p. 23, HINZ Mitt. schweiz. ent. Ges. **34.**

Mesophadnus see *Eupalmus*.

Mesostenoideus octozonatus see *Gotra marginata*; *trianguliferus* see *Irabatha agilis*; *ornatifrons* see *I. albispina*; *enitescens* see *I. pulcherrima*.

Mesostenus transfuga **var. n.** *niger* Rumania p. 61, CONSTANTINEANU Stud. Cercet. st. Biol. St. agric. Iasi 11 1960.—*M. albosignatus*, *caligatus*, *nigribasalis* see *Baltazaria*; *suisharionis* see *Buodias hyalinus*; *pugnatus*, *respondens*, *reticulatus* see *Euchalinus*; *subpentagonalis* see *Goryphus fuscinervis*; *opacus* see *Gor. hyalinoides*;

taiwanus see *Gor. mesoxanthus detritus*; *unifasciatus, communis, fragilis* see *Gor. semiglaber*; *interritus* see *Gotra actuaria*; *molestus* see *Got. albospinosa*; *himalayensis, clarinervis* see *Got. marginata*; *albopictus* see *Thelodon*; *pictus, multipictus* see *Xanthocryptus vesiculosus*; *ferrugineus* see *Brachycoryphus*; *ruficoxis* see *Lamprocryptidea*; *vesiculosus* (*monstratus*), *pictus, multipictus* see *Xanthocryptus*; *dorsostriatus, quadrilineatus* see *Baryceros guttatus*.

Metopius key to Madagascan spp. p. 299; *seyrigi* p. 300, *andreasi* p. 302 **spp. n.** Madagascar, BENOIT Rev. Zool. Bot. afr. **63**.—*M.* (*Ceratopius*) *unifenestratus* Morl. (= *crassicornis* Morl.) p. 302, TOWNES, H. &. M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Mevesia arguta **var. n.** *albifemur* Rumania p. 21, CONSTANTINEANU Stud. Cercet. st. Biol. St. agric. Iasi **10** 1959.

Microcharops Rom. (= *Charopsimorpha* Vier.) p. 248, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Miomeroides see *Megastylus*.

Miophatnus see *Xoridesopus*.

Mioplectiscus see *Paraphylax*.

Miramilia see *Brachycoryphus*.

Myermo see *Stenichneumon*; *fumipennis* see *St. appropinquans*; *robusta* see *Setanta femorata*.

Neleophron see *Aptesis*.

Nematopodius Grav. (= *Hemiphatnus* Cam.) p. 187; (*Diapetus*) *luteus* Cam. (= *D.* (*D.*) *dissipus* Cushm.) p. 188, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Nemeritis albovaria see *Leptobatopsis indica*.

Nemesostenus apicalis see *Xanthocryptus tegularis*.

Neoarthula see *Diadegma*.

Neochristolia see *Baryceros*; *eucleides* see *B.*

Neocryptopteryx see *Trachysphyrus*.

Neomesostenus bicingulatus, pulchripes see *Euchalinus*; *minutus* see *Isotima pusilla*.

Neonortoniella see *Casinaria*.

Neorhacodinae **subfam. n.** p. 692, CONSTANTINEANU Beitr. Ent. **11**.

Neotorbda see *Eurycryptus*.

Neotypus flavipes see *Listrodromus crassipes*.

Nesopimpla rufiventris see *Itoplectis naranyae*.

Netelia (*Apatagium*) *baibarensis* Uch. (= *Parabatus cristatus* var. *kikuchii* Uch.) p. 94; (*N.* Gray (= *Scammatonotum* End., *Amebachia* Uch.)) p. 95; (*N.*) *l. latro* Hlmgr. (= *Paniscus javanus* Szépl.) p. 99, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.—*N. veronesii* **sp. n.** Argentine p. 21, BLANCHARD Rev. Invest. agric. **14** 1960.—*N. caucasicus* **var. n.** *nigrocincta* Latvia pp. 126, 145, OZOLS Trudy Akad. Nauk latv. Inst. Biol. **12** 1959.

Nothanomalon see *Casinaria*.

Notiopimpla platymischa see *Echthromorpha agrestoria interrupta*.

Notopimpla see *Xanthopimpla*.

Nototrachys taparilensis see *Anomalon novoguineense*.

Occia Tosq. (= *Aulosita* Strand pp. 172, 175, *Caligulina* Strand, *Enderleinia* Cush., *Hymenenderleinia* Cush. pp. 172, 176, *Opheltoideus* End. pp. 172, 177, *Spilanomalon* Morl. pp. 172, 178); *pulchella* Tosq. (= *O. sannio* End.) pp. 172, 178; *ashmeadi* End. pp. 172, 175, *politissimus* End. pp. 172, 177 from *O.*; *elegans* Crssn. from *Anomalon* pp. 172, 176, TOWNES Proc. ent. Soc. Wash. **63**.

Odontocolon ruspator Fourc. (= *Ophion femoratus* Oliv. pp. 172, 176, *Ichneumon dentipes* Gmel. p. 172) from *I.* pp. 172, 177, TOWNES t.c.

Odontocryptus see *Formocryptus*; *sulcatus* see *F. bidentatus*.

Ogulnia see *Chasmias*.

Oneilella brevispicula, subquadrata see *Coccygodes*.

Opheltoideus see *Occia*; *sannio* see *O. pulchella*; *ashmeadi, politissimus* see *O.*

Ophion F. (= *Stenophthalmus* Szépl., *Pachyprotoma* Kohl, *Australophion* Morl.) p. 260, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.—*O. nigrovarius* Prov. (= *Eurycamptus novascotiae* Morl.) p. 106, TOWNES Proc. ent. Soc. Wash. **63**.—*O. nigrator* see *Aridelus* (Brac.); *amoenus* see *Barytatocephalus mocsaryi*; *relictus* see *Barylypta*; *rufus, albigena, bifoveolatus* (*stramineus*) see *Enicospilus*; *arcuatus* see *En. undulatus*; *femoratus* see *Odontocolon ruspator*; *infuscatus* see *Stauropoctonus bombycivorus*; *latipenne* see *Eurycamptus latipennis*.

Ophioneura see *Anomalon*.

Orientostenaraeus see *Stenarella*; *chinensis* see *S. insidiator*.

Orientotheronia maculipes see *Theronia maskeliyae*; *rufescens* see *O. zebra iridipennis*.

Oronotus Wesm. (= *Fedalma* Cam., *Pramha* Cam.) p. 335, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Otacustes see *Dichrogaster*.

Pachyjoppa see *Platylabus*.

Pachyprotoma see *Ophion*.

Pagarenes see *Platylabus*.

Palmerella see *Gotra*; *longispina* see *G. nigra*.

Panargyrops aereus **subsp. n.** *corsicator*; *lacustris* **f. n.** *fumatus* Corsica p. 171, AUBERT Ann. Soc. ent. Fr. **130**.

Paniscus javanus see *Netelia latro*.

Parabatus cristatus kikuchii see *Netelia*.

Paracremastus see *Temelucha*.

Paracryptus see *Idiolispa*.

Paraglypta tubigera see *Xorides exquisitus*.

Parania see *Atrometus*.

Paraphylax Foerst. (= *Paurophatnus* Cam., *Aphadnus* Cam., *Valoga* Cam., *Photoptera* Vier., *Tsangamania* Seyr., *Resosoa* Seyr., *Mioplectiscus* Ben.) p. 126, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Parasilsila trilineata see *Stenarella victoriae*.

Paratanera see *Syzeuctus*.

Paraxylophrurus see *Eugalta*.

Paretha see *Picardellia*.

Patrocloides walleyi Heinr. p. 515, *montanus* Crssn. p. 516 from *Patroclus*; *m.* **subsp. n.** *occidentalis* Colorado p. 517, HEINRICH Canad. Ent. suppl. 26.

Patroclus walleyi, montanus see *Patrocloides.*

Paurolexis see *Trathala.*

Paurophatnus see *Paraphylax.*

Pedinojoppa see *Holcojoppa.*

Pemon see *Lysibia.*

Perilissus Hlmgr. (= *Ischnaeops* Foerst., *Exacrodus* Foerst.) p. 213; *cingulator* Morl. (= *formosensis* Uch., *Exacrodus populans* Morl., *Pseudochorus kuriani* Rao) p. 214, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Perisphincter **gen. n.** for *Agrypon tisiphone* Morl. pp. 319, 474, H. TOWNES in TOWNES, H. & M. & GUPTA t.c.

Peritaenius see *Hoplismenus.*

Phaedraspis Cam. (= *Stictocryptus* Cam.); *fulvitergus* Tosq. (= *rufobalteata* Cam., *Cryptus lenocinans* Tosq., *S. testaceus* Cam.) p. 143, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Phaenolabrorychus see *Labrorychus.*

Phaenolobus fraudator **sp. n.** (*arator* compared) Germany p. 756 figs., BAUER Beitr. Ent. **11.**

Phaeogenes laricellae **sp. n.** New Brunswick p. 3 figs., MASON Canad. Ent. **93.**—*P. planifrons* **var. n.** *nigrifemur* Rumania p. 22 fig., CONSTANTINEANU Stud. Cercet. st. Biol. St. agric. Iasi **10** 1959.—*P. testaceicornis* Cam. from *Bathymetis* p. 104, TOWNES Proc. ent. Soc. Wash. **63.**—*P. pyriformis* (*ferruginea*) see *Jethsura.*

Phagesorus see *Mesoleius.*

Philopsyche pilosella see *Sericopimpla crenator*; *albobalteata* see *S. sagrae.*

Philotymma Foerst. (= *Griphodes* Kriechb.) p. 217, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Photoptera see *Paraphylax.*

Phygadeuon plumipes **sp. n.** Latvia pp. 133, 144 figs., OZOLS Trudy Akad. Nauk latv. Inst. Biol. **12** 1959.—*P. cephalotes* **var. n.** *nigriscapus* Rumania p. 63, CONSTANTINEANU Stud. Cercet. st. Biol. St. agric. Iasi **11** 1960.—*P. talitzkii* **sp. n.** Moldavia p. 163, TELENGA Trudy moldavsk. Inst. Sadov. Vinogr. Vinod. **7.**—*P.* ? *dimidiatus* ♂ p. 170, AUBERT Ann. Soc. ent. Fr. **130.**—*P. labiale* see *Aptesis pulchripes*; *plectiscinus* see *Charitopes.*

Phytodietus spp. of Europe (key p. 38) pp. 37–43 figs., ŠEDIVÝ Acta Soc. ent. Csl. **58.**—*P. gelitorius* Thnb. (= *arcuatorius* Thnb., *coryphaeus* Grav., *segmentator* Grav., *geniculatus* Thoms.); *crassitarsis, g.* compared p. 90, HELLÉN Notul. ent. **41.**—*P.* Grav. (= *Weisia* Schmdkn.) p. 91, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Picardellia Lichtnst. (= *Borciella* Const., *Paretha* Seyr.) p. 187, TOWNES, H. & M. & GUPTA t.c.

Pielia see *Gyrodonta.*

Pimpla arctica **varr. n.** *nana* p. 52, *semirufa*; *padellae* **varr. n.** *rufitegulis* p. 276, *nigritegulis* p. 51 Rumania; *pad.* var. *variegata* ♂ p. 275 figs., CONSTANTINEANU & PISICĂ Stud. Cercet. st. Biol. St. agric. Iasi **11** 1960.—*P. lineata* Kon. identity discussed p. 145, BETREM Ent. Ber. **21.**—*P. punctum, pulchrimaculata* see *Echthromorpha notulatoria*; *agrestoria, interrupta* (*inermis*) see *Ech.*; *nursei* see *Exeristes*; *indubia, khasiana, ovogensis* see *Xanthopimpla lepcha*; *integrata* see *X. stemmator*; *interceptor* see *X. terminalis*; *rufipes* see *Coccygomimus*; *stamentaria* see *Scambus nucum.*

Pimplopterus argyresthiae **sp. n.** Ontario p. 1, WALLEY Canad. Ent. **93.**

Platylabops spp. of N.E. America (key to spp. of America north of Mexico p. 641) pp. 640–648; *p. pecki* (with **subsp. n.** *novaescotiae* Nova Scotia p. 643) Saskatchewan, Nova Scotia pp. 642, 643, *fraterculus* Maine, Vermont, New York p. 644, *holerythrus* Br. Columbia p. 645, *eupitheciarum* Alberta, Br. Columbia **spp. n.**; *apricus* **subsp. n.** *nearcticus* Maine p. 648; *leucopsis* Ashm. from *Ichneumon* p. 645 figs., HEINRICH Canad. Ent. suppl. 26.

Platylabus Wesm. (= *Pachyjoppa* Cam., *Lamprojoppa* Cam., *Pagarenes* Cam., *Chlorojoppa* Cam.) p. 395, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.—*P. tricingulatus* Grav. (= *maurus* Berth.) p. 164, AUBERT Ann. Soc. ent. Fr. **130.**

Plectocryptus Thoms. (= *Aconias* Cam.) p. 137, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Plesiocryptus see *Trachysphyrus.*

Pleuroneurophion ferrugineus see *Enicospilus debilis.*

Polyaenus cingulatus see *Cremnocryptus arrogans.*

Polyblastus (*Ctenacmus*) *edolensis* **sp. n.** Latvia pp. 127, 144 fig., OZOLS Trudy Acad. Nauk latv. Inst. Biol. **12** 1959.

Polysphincta percontatoria **var. n.** *madeirensis* Madeira p. 37, HELLÉN Notul. ent. **41.**

Polytribax Foerst. (= *Steriphocryptus* Cam.) p. 137, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Potia Seyr. (= *Thalops* Town.) p. 124, TOWNES, H. & M. & GUPTA t.c.

Pramha see *Oronotus.*

Pristomerus flavus Ashm. (= *lipsii* Krieg.); *hawaiiensis* Perk. (= *hilaris* Perk.) p. 249, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Proboloides see *Degithina.*

Probolus detritus Brll. (= *Amblyteles illaetabilis* Crssn.) from *Ichneumon* p. 107, TOWNES Proc. ent. Soc. Wash. **63.**

Procinetus decimator **varr. n.** *interstitialis* p. 16, *postfurcalis* p. 17 Rumania figs., CONSTANTINEANU Stud. Cercet. st. Biol. agric. Iasi **9** 1958.

Prosopostenus see *Chriodes.*

Protichneumon moiwanus Mats. (= *moiw.* f. *maxima* Uch.) p. 413, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.—*P. rubens* **var. n.** *nigritegulis* Rumania p. 51 fig., CONSTANTINEANU & others An. st. Univ. Iasi (N.S.) II **6** 1960.—*P. japonicus ibukiensis* see *Amblyjoppa japonica.*

Pseudamblyteles spp. of N.E. America (key pp. 399–401) pp. 397–421; *effigialis* p. 407, *distinctipes* p. 409, *interstinctus* p. 410, *amoenipes* p. 413, *walleyi* p. 416, *nigrotergops* p. 417, *populorum* p. 418, *carbo* p. 419, *micramoenus* p. 420 **spp. n.** N.E. America figs., HEINRICH Canad. Ent. suppl. 23.—*P. peroratus* see *Pterocormus.*

Pseudochorus kuriani see *Perilissus cingulator.*

Pseudonototrachys see *Anomalon.*

Pseudosyzeuctes italicus **sp. n.** Italy p. 80 fig., HEDWIG Boll. Soc. ent. ital. **91.**

Pseudotorbda see *Schreineria.*

Psychostenus see *Ateleute.*

Pterocormus Foerst. (= *Vabsaris* Cam.); *rufipes* Cam. (= *V. forticornis* Cam.); *cinctus* Ashm. (= *Eristicus binotatus* Ashm.) p. 382; *lotatorius* F. (= *Ichneumon consanguineus* Sm., *I. insidiator* Sm., *I. helmsii* Cam., *Amblyteles zealandicus* Cam., *Colobacis forticornis* Cam.) p. 383, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.—*P. lautatorius* Desv. from *Ichneumon* p. 177, TOWNES Proc. ent. Soc. Wash. **63.**—*P. annulatorius* F. (= *funestus* Crssn.) p. 106, *lugubrator* Grav. (= *rufiventris* Brll.) pp. 108, 109 from *Ichneumon* [*see also* pp. 168–170, 175–178]; *peroratus* Cam. from *Pseudamblyteles* p. 112, TOWNES t.c.

Pycnocryptus peregrinator **var. n.** *postfurcalis* Rumania p. 61 fig., CONSTANTINEANU Stud. Cercet. st. Biol. St. agric. Iasi **11** 1960.

Pycnopyge see *Satrius.*

Pygidites see *Schreineria.*

Pyralophagus see *Ceratocryptus.*

Resosoa see *Paraphylax.*

Rhembobius Foerst. (= *Ulothymus* Foerst.) p. 131, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Rhexidermus (*Ischnus*) *gallicator* Aub. a good sp. not r. of *ridibundus*; *debilis* ♂; *d.* **f. n.** *flavopictus* Corsica p. 165, AUBERT Ann. Soc. ent. Fr. **130.**

Rhimphoctona pluto see *Devorgilla inquinata.*

Rhinotorus see *Mesoleius.*

Rhynchexetastes see *Exetastes.*

Rhyssa persuasoria L. (= *marginalis* Brll.) pp. 174, 177, TOWNES Proc. ent. Soc. Wash. **63.**—*R. clavula* see *Certonotus fractinervus*; *nigritarsis* see *Lytarmes maculipennis varilineatus.*

Rossitera see *Gavrana.*

Rubicundiella spp. of N.E. America (key to Amer. north of Mexico p. 567) pp. 566–577; *deuteromelas* Maine p. 573, *simplicior* Br. Columbia, Saskatchewan p. 575 **spp. n.**; *annulicornis* Ashm. from *Colpognathus* p. 569; *blanchardi* Dav. from *Ichneumon* p. 571; *perturbatrix* **n. n.** for *I. rubicundus* Crssn. preocc. p. 577 figs., HEINRICH Canad. Ent. suppl. 26.

Satrius Tosq. (= *Pycnopyge* Cushm.) p. 339, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Scambus (*S.*) *nucum* Ratz. (= *Pimpla stramentaria* Kriech.) pp. 174, 178, TOWNES Proc. ent. Soc. Wash. **63.**

Schizoloma Wesm. (= *Schizopoma* Foerst.) p. 322, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Schizopoma see *Schizoloma.*

Schreineria Schr. (= *Sycophrurus* Pic., *Pseudotorbda* Uch., *Pygidites* Seyr.) p. 192, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Scoparches see *Mesoleius.*

Sericopimpla crenator F. (= *Philopsyche pilosella* Cam.); *s. sagrae* Vllnh. (= *P. albobalteata* Cam.) p. 18, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Setanta femorata Cam. (= *Myermo robusta* Cam.) p. 385, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Sholisha see *Ichneumon.*

Silsila striolata see *Acromia*; *spilonota* see *Thelodon*; *albopictus papuensis* see *T. a. elongatus.*

Simophion calvus **sp. n.** Turkmenia, Persia p. 170 figs., VIKTOROV Ent. Obozr. **40.**

Sinophorus thuringiacus **var. n.** *scaponiger* Latvia pp. 137, 144, OZOLS Trudȳ Akad. Nauk latv. Inst. Biol. **12** 1959.

Skeatia see *Goryphus*; *nigrispina* see *G. brookeanus*; *carinatus* see *Amphiprion*; *balteata*, *flavipes* see *Euchalinus*; *javanica* see *Gotra longicornis.*

Sogna see *Listrodromus.*

Spilichneumon spp. of eastern N. America (key pp. 182–183) pp. 180–196; *valdetypicus* Manitoba p. 186, *physcoteloides* p. 191, (?) *obscuricolor* p. 195 (also Ontario, Quebec, Saskatchewan) Maine **spp. n.** figs., HEINRICH Canad. Ent. **92** suppl. 18.

Spilocryptus nubeculatus **var. n.** *niger* Rumania p. 320, CONSTANTINEANU An. St. Univ. Iasi (N.S.) II **7.**

Spilojoppa see *Ichneumon.*

Spilophion see *Leptophion.*

Spolas **gen. n.** for *Atrometus flavifrons* Ashm., *citricinctus* Ashm., *delicatus* Ashm., *haleakalae* Ashm., *hawaiiensis* Ashm., *molokaiensis* Ashm., *satelles* Perk., *sociabilis* Perk., *solitarius* Perk., *tarsatus* Ashm., *tephrias* Perk. pp. 314, 473, H. TOWNES in TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.

Stauropoctonus bombycivorus Grav. (= *Ophion infuscatus* Tasch.) pp. 172, 176, TOWNES Proc. ent. Soc. Wash. **63.**—*S. alienus* see *Enicospilus.*

Stenaoplus ornatitarsis Cam. from *Hemiteles*; *varipes* Cam. (= *Algathia rothneyi* Cam.) p. 347, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.

Stenaraeus rufipes see *Gotra marginata*; *pilosus*, *elongatus* see *Thelodon.*

Stenarella Szépl. (= *Orientostenaraeus* Uch.); *insidiator* Sm. (= *O. chinensis* Uch.); *victoriae* Cam. (= *Parasilsila trilineata* Cheesm.) p. 186, TOWNES, H. & M. & GUPTA Catal. & reclassif. Indo-Austral. Ichneum.—*S. tuberculata* see *Irabatha pulcherrima*; *ingentia* see *Lorio alternus*; *nigritarsis* see *Xanthocryptus vesiculosus.*

Stenichneumon Thoms. (= *Myermo* Cam., *Chiaglas* Cam., *Stenichneumonoides* Uch.); *appropinquans* Cam. (= *M. fumipennis* Cam.) p. 345; *longicornis* Cam. (= *C. tinctipennis* Cam.); *nigripes* Cam. (= *C. varipes* Cam., *C. longiventris* Cam., *Bolbomyschus albipictus* Tosq.); *pallidipectus* Sm. (= *C. quadricolor* Heinr.) p. 346, TOWNES, H. & others Catal. & reclassif. Indo-Austral. Ichneum.—*S. culpator cincticornis* Crssn. (= *Ichneumon mathewi* Cam.) p. 109, TOWNES Proc. ent. Soc. Wash. **63.**—*S.* key to spp. of America north of Mexico p. 523; *militarius* **subsp. n.** *leucopus* Maine, Br. Columbia p. 525 figs., HEINRICH Canad. Ent. suppl. 26.

Stenichneumonoides see *Stenichneumon.*

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Melanargia forms of E. Asia, monograph (morphol., distribution, taxonomy, nomenclature, evolution) I–III pp. 1–40, 41–98, 99–222; *halimede* **subspp. n.** *gratiani, menetries, beicki* p. 153; *meridionalis* **subspp. n.** *maritima* p. 154, *wenchowensis* p. 155, *tsinica, tapaishanensis* p. 156; *montana* **subsp. n.** *chloris*; *lugens* **subspp. n.** *clarens* p. 158, *ahyoni, hengshanensis* p. 159; *epimede* **subsp. n.** *corimede* p. 165; *ganymedes* **subspp. n.** *walleseri, weigoldi* p. 172; *asiatica* **subspp. n.** *dejeani* p. 173, *armandi* p. 176, *elisa* p. 177 E. Asia (mainly China) figs., WAGENER Zoologica **39** 1959 & 1961 Heft 108.—*M. galathea* **ab. n.** *hades* Germany p. 4 figs., REISS Ent. Z. **71.**

Mycalesis usagarae see *Bicyclus danckelmani*; *phalanthus* see *B. xeneas* Hew.; *schoutedeni* see *B. trilophus*.

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An annotated list of Lycaenidae of the Western Hemisphere (contd.), COMSTOCK & HUNTINGTON J. N.Y. ent. Soc. **69:** 54–58, 105–118, 157–176, 191–200.

Lycaenidae of Equatorial Africa, STEMPFFER Ann. Mus. Afr. centr. (Sér. 8°) Sci. zool. **94:** 9–73, 4 pls., 27 figs.

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Mimeresia **gen. n.** for *Liptena libentina* Hew. (type), *Pseuderesia debora* Kby., *semirufa* Sm., *dinora* Kby., *drucei* Stempf., *moorelsi* Auriv., *favillacea* Grünb., *f. griseata* Talb., *russulus* Druce, *cellularis* Kby., *neavei* Talb., *moyambina* Bak. p. 24; *zerita* Plötz (from *L.*), *isabellae* Schultze (from *P.*) ff. of *l.* p. 26; *deborula* Auriv. p. 27, *catori* Bak., *barnsi* Sm. p. 28 (from *P.*) ff. of *deb.*; *discirubra* Talb. (from *P.*) a f. of *din.* p. 31; *ugandae* Stempf. (from *P.*) a f. of *dr.* p. 32; *tessmanni* Grünb. p. 34, *purpurea* Sm. (from *P.*) ff. of *moor.*; *decolorata* Hlst. (from *P.*) a f. of *moor. tess.* p. 35; *katangae* Sm. (from *P.*) a f. of *russ.* p. 38; *dr.* **subsp. n.** *owerri* Nigeria p. 33; *russ.* **subsp. n.** *unyoro* Uganda p. 39 figs., STEMPFFER Ann. Mus. Afr. centr. (Sér. 8 °) Sci. zool. **94.**

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Strymonidia ilicis **f. n.** *cerroides* Germany p. 129 (note), DE LATTIN, JÖST & HEUSER Mitt. Pollichia (3) **4** 1957.

Syrmoptera bonifacei **sp. n.** Cameroons p. 57 figs., STEMPFFER Ann. Mus. Afr. centr. (Sér. 8 °) Sci. zool. **94.**

Telipna katangae **sp. n.** Congo p. 9 figs., STEMPFFER t.c.

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Uranothauma williamsi **sp. n.** Tanganyika p. 21 figs., CARCASSON Occ. Pap. Coryndon Mus. no. 7.

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Pieridae, wing-venation as a taxonomic character, NOHIRA Kontyû **29:** 111–122, 8 figs.

Aporia hippia Brem. (list of subspp. p. 222), *bieti* Oberth. (list of subspp. p. 224) distinct spp. p. 221; *b. lihsieni* p. 226, *h. occidentalis* p. 227 re-description figs., BERNARDI Bull. Soc. ent. Fr. **65.**—*A. howarthi* **sp. n.** Tibet p. 90 figs., BERNARDI Rev. franc. Ent. **28.**

Ascia (*Ganyra*) *menciae* Ram. (from *Pieris*) reduced to subsp. of (*G.*) *josephina* p. 53, DE LA TORRE Y CALLEYAS Actas Trab. I Congr. sudamer. Zool. 1959 **3** 1960.

Baltia shawi baitalensis Moore (= *s. karakuli* Bang-Haas) p. 112, BERNARDI Bull. Soc. ent. Fr. **66.**

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Colotis elgonensis **subsp. n.** *nobilis* Tanganyika p. 6 figs., CARCASSON Occ. Pap. Coryndon Mus. no. 7.

Dixeia cebron ♀ Ward (= *ceb.* f. *usitatus* ♀ Talb.) p. 503; *ceb.* **f. n.** *asignata* p. 497; *cap. capricornus* **ff. n.** *alba*, *ochracea* p. 503 Cameroons figs., BERNARDI Bull. Inst. franc. Afr. noire (A) **23.**

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Neogeia see *Pieriballia.*

Paramidea **gen. n.** for *Midea scolymnus* Btlr. p. 58 (note), KUZNETSOV [KUZNETZOV, KUSNEZOV] Faune URSS (Ins. Lep.) **1** livr. 2 1929. [*See* Z.R. **66** 1929 No. **1421.**]—*P.* Kusn. (= *Falcapica* Klots) p. 111; *genutia* F. from *F.*, BERNARDI Bull. Soc. ent. Fr. **66.**

Pieriballia Klots (= *Neogeia* Ver.) p. 112, BERNARDI t.c.

Pieris spp. nomenclature p. 129, specific characters of androconial scales pp. 130–146 figs., WARREN Ent. Tidskr. **82.**—*P. bryoniae* Ochs. ♀ modification (correction) pp. 189–190, STIPAN Z. wien. ent. Ges. **46.** [*Cf.* Z.R. **97** 1960 No. **3282.**]—*P. bryoniae* of the Carpathian Mts. (variability, distribution) pp. 19–22, 58–64, 100–110 figs., ZELNÝ Z. wien. ent. Ges. **46.**—*P. bryoniae* races from the Carpathians pp. 130–134 figs., ŠTĚRBA Z. wien. ent. Ges. **46.**—*P. menciae* see *Ascia.*

Synchloe callidice **subsp. n.** *hazara* Afghanistan p. 6 figs., WYATT J. Lep. Soc. **15.**

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PAPILIONIDAE (BARONIIDAE, PARNASSIIDAE, TEINOPALPIDAE).

Comparative morphology of the male reproductive system of Papilionidae, EHRLICH Microent. **24:** 135–166, 27 figs.

Additional notes on revision of Parnassiinae, XXX, XXXI (contd. 3, 4), EISNER Zool. Meded. **37:** 167–188, 265–296.

The classification of Papilionidae (taxonomic arrangement of spp. pp. 40–47, keys to tribes of Papilioninae p. 14, to genn. of Leptocircini p. 16 & Troidini p. 32), MUNROE Canad. Ent. suppl. 17: 1–51, 2 figs.

Harmonization of concepts of higher classification of the Papilionidae (supplement & revision), MUNROE & EHRLICH J. Lep. Soc. **14:** 169–175.

Notes on morphology & systematics of Papilionidae (genitalia), NICULESCU Bull. Soc. ent. Mulhouse **1961:** 1–13.

Atrophaneura neptunus sumatrana p. 31, *aristolochiae antiphus* p. 32, *coon delianus* p. 33, *s. sycorax* p. 35 early stages re-description figs., STRAATMAN & NIEUWENHUIS Tijdschr. Ent. **104.**

Graphium policenes **f. n.** *coussementi* Congo p. 71 fig., BERGER Lambillionea **60.**

Hypermnestra helios **subsp. n.** *ariana* Afghanistan p. 2 figs., WYATT J. Lep. Soc. **15.**

Iphiclides Hb. a distinct gen. not syn. of *Papilio* or *Graphium* (*podalirius* & *P. machaon* compared) pp. 1–3; *feisthameli* Duj. a var. of *p.* 6, NICULESCU Bull. Soc. ent. Mulhouse **1961.**

Papilio L. (= *Pterourus* Scop.); *alexanor* Esp. from *P.* p. 1, NICULESCU t.c.—*P. bromius-brontes-sosia* complex of Kenya & Uganda pp. 63–78; systematic position discussed pp. 63–68; *teita*, *interjecta* **spp. n.** Kenya p. 70; *brontes* **subsp. n.** *australis* Tanganyika p. 69 figs., VAN SOMEREN Bol. Soc. Estud. Moçambique **29** 1960 no. 123. —*P. magdae* **n. n.** for *brontes* Godm. nec Den. & Schiff. p. 287; *ophidicephalus* **subsp. n.** *mkuwadzi* Nyasaland p. 288, GIFFORD Entomologist **94.**—*P. bromius* **subsp. n.** *ufipa* Tanganyika p. 3 figs., CARCASSON Occ. Pap. Coryndon Mus. no. 7.—*P. alexanor* **subsp. n.** *hazarajatica* Afghanistan p. 2 fig., WYATT J. Lep. Soc. **15.**—*P. phorcas* **subsp. n.** *nilotica* p. 1; *bromius* **subsp. n.** *interjacens* p. 2 Centr. Africa, STORACE Doriana **3** no. 115.—*P. androgeus laodocus* **f. n.** *vollmanni* Brazil p. 45 figs., LEDERER Ent. Z. **71.**—*P. leosthenes* see *Protographium.*

Parnassius orleans Oberth. (= *o. parthenos* Bryk) p. 175; *nomion theagenes* O.B.H. (= *n. sinchengi* Bryk & Eisn.) p. 279, EISNER Zool. Meded. **37.**—*P. charltonius voigti* ♂ re-description; *tianschanicus* **subsp. n.** *shiva* Afghanistan p. 4 figs., WYATT J. Lep. Soc. **15.**—*P. smintheus* **subsp. n.** *rubina* Nevada p. 145 figs., WYATT Z. wien. ent. Ges. **46.**—*P. mnemosyne* **subsp. n.** *vivaricus* France p. 54 figs., BERNARDI & VIETTE Rev. franç. Ent. **28.**—*P. apollo* **subsp. n.** *peyerimhoffi* p. 118; *a. meridionalis* Pgnst. identity discussed pp. 113–118, VIETTE Bull. Soc. ent. Fr. **66.**

Protographium **gen. n.** for *Papilio leosthenes* Dbldg. p. 18, MUNROE Canad. Ent. suppl. 17.

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Trogonoptera brookiana trogon early stages re-description p. 36 figs., STRAATMAN & NIEUWENHUIS Tijdschr. Ent. **104.**

Troides amphrysus ruficollis early stages re-description p. 39 figs., STRAATMAN & NIEUWENHUIS t.c.

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Agathymus mariae **subsp. n.** *micheneri* Mexico, STALLINGS, TURNER & STALLINGS J. Lep. Soc. **15.**

Anthoptus epictetus ♀ p. 33 figs., FERREIRA D'ALMEIDA Rev. bras. Ent. **10.**

Halpe scissa **sp. n.** Burma p. 532 figs., CANTLIE J. Bombay nat. Hist. Soc. **58.**

Metisella formosus **subsp. n.** *mittoni* S. Ethiopia p. 23 figs., CARCASSON Occ. Pap. Coryndon Mus. no. 7.

Ochlodes Scudd. type specimens of N. American spp. pp. 37–45, TILDEN Ent. News **72.**

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Giria pectinicornis B.-Bak. (= *bubastis* Fawc.) from *Ophiusa* p. 232, FLETCHER Ruwenz. Exp. 1952 **1** no. 7.

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Gynaephila nigripalpis Hmps., *melanomma* Hmps., *xanthopis* Hmps. from *Naarda*; *icterica* **sp. n.** Ruwenzori p. 252 figs., FLETCHER Ruwenz. Exp. 1952 **1** no. 7.

Hadena chrysocyanea **sp. n.** Afghanistan p. 476 figs., BOURSIN Ark. Zool. (N.S.) **13.**—*H. indistans, consummata, inextricans, tulipifera, confundens, siderifera* see *Eutamsia*; *nellyae* see *Omphalestra*; *semiumbrosa* see *Kenrickodes.*

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Herpeperas ianda p. 181, *atra* p. 183 **spp. n.** Madagascar figs., VIETTE Mém. Inst. sci. Madag. (E) **12.**

Hipoepa pusilla Btlr. a subsp. of *fractalis* p. 249, FLETCHER Ruwenz. Exp. 1952 **1** no. 7.

Holocryptis neavei **sp. n.** E. & Centr. Africa p. 218 figs., FLETCHER t.c.

Homonacna **gen. n.** (Cuculliinae), *alpnista* **sp. n.** Ruwenzori p. 198 figs., FLETCHER t.c.

Hydraecia nordstroemi geogr. variation in genitalia p. 142 figs., URBAHN Verh. XI. int. Kongr. Ent. Wien 1960 **1.**

Hygrostola homomunda **sp. n.** Ruwenzori p. 209 figs., FLETCHER Ruwenz. Exp. 1952 **1** no. 7.

Hypena porphyrophaes Kenya, *antimima* (also Cameroons, Uganda, Nyasaland) p. 241, *phricocyma* (also Sudan, Kenya, Tanganyika, Mt. Cameroon) p. 239, *aridoxa, euprepes* (also Kivu) p. 240, *scotina* p. 242, *directa* (also Fernando Po, Gold Coast, Cameroons, Congo, E. Africa), *chionosticha* (also Nyasaland) p. 243, *biangulata* (also E. Afr., E. Congo), *eucrossa, albizona* p. 244, *prionodes* p. 245 **spp. n.** Ruwenzori figs., FLETCHER t.c.

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Hypersophtha priscata **sp. n.** Madagascar p. 179 fig., VIETTE Mém. Inst. sci. Madag. (E) **12.**

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Hypsiforme concolora Swnh. (= *seyrigi* Viette) p. 39, VIETTE Entomologist **94.**

Kenrickodes **gen. n.** for *Perigea rubidata* Ken. (type), *griseata* Ken., *Hadena semiumbrosa* Saalm., *Lithacodia titanica* Hmps. (= *P. probata* Viette, *Eumichtis* (?) *rosea* Berio) p. 50, VIETTE Bull. Soc. ent. Fr. **66.**

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Lithophane laurentii **sp. n.** Argentina p. 93 fig., KÖHLER An. Soc. cient. Argent. **172.**

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Manga belophora **sp. n.** Ruwenzori; *melanodonta* Hmps. (= *Calamistis nubifera* Hmps.) from *C.* p. 214 figs., FLETCHER Ruwenz. Exp. 1952 **1** no. 7.

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Minucia lunaris **abb. n.** *cantiana, centralis* England p. 283 figs., CHALMERS-HUNT Entomologist **94.**—*M. lunaris* larva p. 135 figs., HAGGETT Proc. S. Lond. ent. nat. Hist. Soc. **1960.**

Miselia proleuca see *Dicerogastra*; *geraea* see *Omphalestra.*

Mythimna fortunata **sp. n.** (*comma* compared) Gran Canary p. 68 figs., PINKER Z. wien. ent. Ges. **46.**—*M. ferrago* **f. n.** *striata* Holland pp. 39, 40, VAN WISSELINGH Ent. Ber. **21.**—*M. aenictopa* **sp. n.** Gold Coast, Uganda; *phaenopasta* Hmps. (= *Borolia alticola* Auriv.) p. 196 figs., FLETCHER Ruwenz. Exp. 1952 **1** no. 7.

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Nacna **n. n.** for *Canna* Wlk. nec Gray p. 198, FLETCHER Ruwenz. Exp. 1952 **1** no. 7.

Noctua (*Triphaena*) *orbona* Hfn. nomenclature discussed pp. 5–14, 28–29, HEYDEMANN Ent. Z. **71.**—*N. peponis* see *Anadevidia*; *chalcytes* see *Chrysodeixis*;

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Nodaria nodosalis H.-S. (= *Bocana aesopusalis* Wlk.); *lophobela* p. 247, *verticalis* p. 248 **spp. n.** Africa figs., FLETCHER Ruwenz. Exp. 1952 **1** no. 7.

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Omphalestra **gen. n.** for *Scotogramma submedianata* Hmps. (type), *Mamestra mesoglauca* Hmps., *Miselia geraea* Hmps. (= *Xylomania nigricincta* Gaede), *Hadena nellyae* Berio, *Agrotis mesomelaena* Hmps. (provisionally), *Craterestra semifusca* Hmps. (provisionally) p. 191, FLETCHER Ruwenz. Exp. 1952 **1** no. 7.—*O. herbuloti* **sp. n.** Madagascar p. 44, VIETTE Bull. Soc. ent. Fr. **66.**

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Panchrysia deaurata Esp., *v-argenteum* Esp. from *Noctua* p. 409; *dives* Eversm. p. 409, *ornata* Br. p. 410 from *Plusia* figs., KOSTROWICKI Acta zool. cracov. **6.**

Paracolax derivalis **ab. n.** *approximata* England p. 283 fig., CHALMERS-HUNT Entomologist **94.**

Paradrina signa **sp. n.** Kenya, Ruwenzori p. 205 figs., FLETCHER Ruwenz. Exp. 1952 **1** no. 7.

Paralephana westi **sp. n.** Ruwenzori p. 233 fig., FLETCHER t.c.

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Pardasena atmocyma **sp. n.** Ruwenzori p. 224 figs., FLETCHER Ruwenz. Exp. 1952 **1** no. 7.

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Pelamia japonica **sp. n.** p. 79; *electaria* **subsp. n.** *macroelectaria* p. 80 Japan figs., OGATA Publ. ent. Lab. Coll. Agric. Univ. Osaka no. 6.—*P. bifasciata* **sp. n.** Okinawa p. 157, INOUE & SUGI Kontyû **29.**

Peridroma patagonica **sp. n.** (with **ff. n.** *pucaranica*, *nigroides* p. 5) Patagonia p. 4; *saucia* genitalia p. 1 figs., BERIO Doriana **3** no. 111.

Perigea africana see *Eutamsia*; *rubidata*, *griseata* see *Kenrickodes*; *probata* see *K. titanica*.

Phalaena saccharalis Fabricius, 1794, placed on Official List of Specific Names in Zoology; *saccharivora* Peterkin, 1790, rejected, Opinion 594, Bull. zool. Nom. **18.**—*P. jota* see *Autographa*; *circumflexa* see *Cornutiplusia*.

Phlogophora meticulosa **abb. n.** *extensa*, *westi* England p. 282 figs., CHALMERS-HUNT Entomologist **94.**

Phytometra intermixta see *Diachrysia*; *crassisigna*, *camptosema*, *schalisema* see *Macdunnoughia*; *lenzeni* see *Euchalcia*.

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Plusia tutti **sp. n.** Poland p. 398 figs., KOSTROWICKI Acta zool. cracov. **6.**—*P. ornatissima*, *accentifera*, *ochreata*, *agnata*, *albostriata*, *daubei* see *Argyrogramma*; *pyropia* see *Anadevidia*; *aurata* see *Polychrysia*; *dives*, *ornata* see *Panchrysia*; *siderifera*, *italica*, *herrichi*, *renardi*, *emichi*, *dorsiflava*, *augusta*, *maria*, *inconspicua*, *tancrei*, *gerda* see *Euchalcia*; *festata*, *excelsa*, *argyrosigna* see *Chrysaspidia*; *nigrisigma*, *purpureofusa*, *macrogamma* see *Autographa*; *sachalinesis* see *Syngrapha*; *confusa* see *Macdunnoughia*.

Plusiophaes argosticta **sp. n.** Ruwenzori p. 208 figs., FLETCHER Ruwenz. Exp. 1952 **1** no. 7.

Polychrysia splendida Btlr. from *Deva*; *aurata* Staud. from *Plusia* p. 407; *aureus* B.-H. from *Chrysoptera* p. 408 figs., KOSTROWICKI Acta zool. cracov. **6.**

Porphyrina elychrysi **f. n.** *olivescens* Italy p. 127, BERIO Mem. Soc. ent. ital. **40.**

Procrateria malagassa **sp. n.** Madagascar p. 53, VIETTE Bull. Soc. ent. Fr. **66.**

Procus pachydetis p. 200, *agelasta* Ruwenzori, *subambigua* Natal, N. Transvaal, *decinerea*, *ambiguella* p. 201, *tripunctata* p. 202 B. E. Africa **spp. n.** figs., FLETCHER Ruwenz. Exp. 1952 **1** no. 7.

Progonia boisduvalalis **sp. n.** Madagascar p. 188, VIETTE Mém. Inst. sci. Madag. (E) **12.**—*P. aenicta* **sp. n.** Ruwenzori, Uganda, Tanganyika p. 249 figs., FLETCHER Ruwenz. Exp. 1952 **1** no. 7.

Psectraxylia **gen. n.** (*Axylia* compared) p. 183, *boursini* **sp. n.** Kenya p. 184 figs., FLETCHER t.c.

Pseudcraspedia prosticta **subsp. n.** *ethiopica* Uganda p. 220 figs., FLETCHER t.c.

Rhodopidsa fulleri **sp. n.** (*volupia* compared) Florida p. 6 figs., MCELVARE Bull. Brooklyn ent. Soc. **56.**

Rhoesena helcida **sp. n.** Madagascar p. 184 fig., VIETTE Mém. Inst. sci. Madag. (E) **12.**

Rivula catadela **sp. n.** Ruwenzori, Kenya p. 235 figs., FLETCHER Ruwenz. Exp. 1952 **1** no. 7.

Rusina tenebrosa **ab. n.** *devisi* England p. 282 fig., CHALMERS-HUNT Entomologist **94.**

Schrankia solitaria **sp. n.** Ruwenzori p. 252 figs., FLETCHER Ruwenz. Exp. 1952 **1** no. 7.

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Simplicia extinctalis Zell. (= *inarcualis* Gn.) p. 247, FLETCHER t.c.

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Syngrapha sachalinesis Mts. from *Plusia* p. 437, KOSTROWICKI Acta zool. cracov. **6.**

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Thalatha mediovitta Rothsch. (= *waterloti* Bours.) p. 38, VIETTE Entomologist **94.**

Timora pauliani **sp. n.** (*epimethea* compared) Madagascar p. 43, VIETTE Bull. Soc. ent. Fr. **66.**

Tosacantha **gen. n.** (nr. *Progonia*), *atmocyma* **sp. n.** Ruwenzori, Kenya, E. Afr., Nyasaland p. 250 figs., FLETCHER Ruwenz. Exp. 1952 **1** no. 7.

Trachea laurentii **sp. n.** Argentina p. 94 fig., KÖHLER An. Soc. cient. Argent. **172.**—*T. dinavana, discisignata, securifera, peridelea, leucura, nigribarbata, phoenicolopha, niveipuncta, hyposcota* see *Eutamsia.*

Tracheplexia schista **sp. n.** (with **subsp. n.** *tenuiata* Mt. Cameroon) Ruwenzori p. 203 figs., FLETCHER Ruwenz. Exp. 1952 **1** no. 7.

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Tunocaria **gen. n.** (Cuculliinae), *rubiginosa* **sp. n.** Madagascar p. 48, VIETTE Bull. Soc. ent. Fr. **66.**

Tycomarptes **gen. n.** for *Apamea inferior* Guen. (type), *Dianthaecia praetermissa* Wlk., *Graphania tortirena* Prout p. 195, FLETCHER Ruwenz. Exp. 1952 **1** no. 7.

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Notodontidae of British Columbia, annotated list, ROSS & EVANS Proc. ent. Soc. B. C. **58:** 30–32.

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Antheuella **subgen. n.** (type *flavida* Hmps.) see *Xanthodonta.*

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Roppa **gen. n.** for *Pydna rhabdophora* Hmps. p. 115 fig., KIRIAKOFF Bull. Ann. Soc. R. Ent. Belg. **97.**

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Geometridae from German exped. to Nepal in 1955, FLETCHER Veröff. zool. Staatssamml. München **6:** 163–178, pls. 16–28.

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Cepphis advenaria **ab. n.** *aurantia* England p. 284, CHALMERS-HUNT Entomologist **94.**

Coironalia **gen. n.** for *Aspilates cruciferaria* Berg (type), *Spartopteryx denticulata* Btlr. p. 20 figs., ORFILA & SCHAJOVSKOY Rev. Soc. ent. argent. **22** 1960.

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Eustroma disrupta **sp. n.** Nepal p. 169 figs., FLETCHER Veröff. zool. Staatssamml. München **6.**

Gnophos calliceros **sp. n.** Nepal p. 177 figs., FLETCHER t.c.

Hemistola alboneura **sp. n.** Nepal p. 164 figs., FLETCHER t.c.—*H. immaculata* **ab. n.** *contracta* England p. 283 fig., CHALMERS-HUNT Entomologist **94.**

Heterolocha epicyrta **sp. n.** Nepal p. 173 figs., FLETCHER Veröff. zool. Staatssamml. München **6.**

Heterophleps agitata see *Catrielia.*

Horisme corticata, aquata, tersata, vitalbata genitalia figured p. 23, WOLFF Ent. Medd. **31.**—*H. tersata* **ab. n.** *brunnea* England p. 284 fig., CHALMERS-HUNT Entomologist **94.**

Kuldscha lobbichleri **sp. n.** Nepal p. 166 figs., FLETCHER Veröff. zool. Staatssamml. München **6.**

Melanchroia venata **sp. n.** Jamaica p. 142 figs., RINDGE J. N.Y. ent. Soc. **69.**

Metrocampa margaritata **f. n.** *autumnata* Rumania p. 298, ALEXINSCHI & PEIU Stud. Cercet. st. Biol. St. agric. Iasi **11** 1960.

Neocleora toulgoetae Guinea, *dargei* p. 493, *boetschi* p. 495 Cameroons **spp. n.** figs., HERBULOT Bull. Inst. franç. Afr. noire (A) **23.**

Perizoma molybda, amblyodes **spp. n.** p. 167; *antisticta* **subsp. n.** *leucatma* p. 168 Nepal figs., FLETCHER Veröff. zool. Staatssamml. München **6.**

Proteopharmacis Warr. p. 17, *valdiviata* p. 19 re-description figs., ORFILA & SCHAJOVSKOY Rev. Soc. ent. argent. **22** 1960.

Pseudodysstroma **gen. n.** (nr. *Dysstroma*) p. 184, *nepalensis* **sp. n.** Nepal p. 185 figs., HEYDEMANN Veröff. zool. Staatssamml. München **6.**

Pucaraia **gen. n.** (nr. *Coironalia*) p. 28, *lizeri* **sp. n.** Argentina p. 30 figs., ORFILA & SCHAJOVSKOY Rev. Soc. ent. argent. **22** 1960.

Scopula imitaria **ab. n.** *pallida* England p. 283, CHALMERS-HUNT Entomologist **94.**

Scotosia dubiosata, melanoplagia see *Calocalpe.*

Spartopteryx denticulata see *Coironalia.*

Sterrha dimidiata **ab. n.** *nigrociliata* England p. 283, CHALMERS-HUNT Entomologist **94.**

Thera tephroptilus **sp. n.** Nepal p. 170 figs., FLETCHER Veröff. zool. Staatssamml. München **6.**

Trigodes **gen. n.** (nr. *Anisopteryx*), *polioxysta* **sp. n.** Nepal p. 163 figs., FLETCHER t.c.

DREPANIDAE.

Drepanidae Boisduval [1828], placed on Official List of Family-Group Names in Zoology, Opinion 610, Bull. zool. Nom. **18.**

Drepanulidae Boisduval, [1828], rejected, Opinion 610, Bull. zool. Nom. **18.**

Platyptericidae [sic] Stephens, 1829, rejected, Opinion 610, Bull. zool. Nom. **18.**

A taxonomic study of some Indo-Australian Drepanidae, WATSON Bull. Brit. Mus. (Nat. Hist.) Ent. **10**: 317–347, pls. 65–66, 68 figs.

Albara fuscilinea **sp. n.** Malaya; *vinacea* Moore (= *birmanica* Bryk) p. 326 figs., WATSON Bull. Brit. Mus. (Nat. Hist.) Ent. **10.**

Callidrepana vanbraeckeli genitalia p. 328 figs., WATSON t.c.

Campylopteryx fleximargo Warr. (= *sublignata* Warr.) p. 328, WATSON t.c.

Cobanilla hepaticata, cardinalis see *Oreta carnea.*

Drapetodes magnifica **subsp. n.** *denotata* Borneo p. 323 figs., WATSON Bull. Brit. Mus. (Nat. Hist.) Ent. **10.**

Drepana Schrank, 1802, and type *falcataria* Linnaeus, 1758, placed on Official Lists, Opinion 610, Bull. zool. Nom. **18.**—*D. berenica* see *Oreta carnea.*

Drepania Hübner, [1819], rejected, Opinion 610, Bull. zool. Nom. **18.**

Holoreta leucospila see *Oreta singapura continua.*

Oreta roepkei Java p. 339, *identata* p. 336 **spp. n.**; *singapura* **subsp. n.** *kalisi* p. 330 Celebes; *griseotincta* **subsp. n.** *acutior* Malaya p. 333; *sing. continua* Warr.

(= *dissimilis* Warr., *aurata* Warr., *ustimacula* Warr., *Holoreta leucospila* Joic. & Talb.) p. 330; *g. griseotincta* Hmps. (= *olivacea* Dudg., *carnea nucicolor* Warr.) p. 333; *carnea* Btlr. (= *Drepana berenica* Swinh., *Cobanilla hepaticata* Warr., *C. cardinalis* Warr.) p. 335; *extensa* Wlk. (= *figlina* Swinh.) p. 339 figs., WATSON Bull. Brit. Mus. (Nat. Hist.) Ent. **10.**—*O. obliquilinea* see *Psiloreta.*

Platypteryx Laspeyres, 1803 rejected, Opinion 610, Bull. zool. Nom. **18.**

Psiloreta obtusa Wlk. (= *inconspicua* Warr., *Oreta obliquilinea* Hmps.) p. 343; *speciosus* Bryk, *aequitermen* Warr. reduced to subspp. of *o.*; *o.* **subsp. n.** *javae* Java, Bali p. 345 figs., WATSON Bull. Brit. Mus. (Nat. Hist.) Ent. **10.**

Teldenia latilinea p. 318, *angustifascia* p. 319 **spp. n.** Celebes figs., WATSON t.c.

Tridrepana fulvata **subsp. n.** *celebica* Celebes; *flava* subsp. *unita* ♀ p. 323 fig., WATSON t.c.

THYATIRIDAE.

Asphalia diluta **ab. n.** *melanarufa* England p. 281 fig., CHALMERS-HUNT Entomologist **94.**

PYRALIDAE.

Pyralidae from Brandt's exped. to Persia, AMSEL Ark. Zool. (N.S.) **13:** 323–446, 9 pls., 136 figs.

Zoogeography in the systematics of North American Crambinae, KLOTS Verh. XI. int. Kongr. Ent. Wien 1960 **1:** 525–527.

Synopsis of North American Odontiinae (key to genn. p. 6, keys to spp.), MUNROE Canad. Ent. suppl. 24: 1–93, 246 figs.

Endotrichinae Rag. reduced to tribe of Pyralinae (Endotrichini: re-definition, catalogue of genn.), WHALLEY Ann. Mag. nat. Hist. (13) **3:** 733–736, 1 fig.

Acrobasis tumidana genitalia p. 124 figs., HOLST Ent. Medd. **31.**

Acteniopsis kurdistanella **f. n.** *unicolorella* Persia p. 399 fig., AMSEL Ark. Zool. (N.S.) **13.**

Aeschremon tenalis **sp. n.**; *disparalis* **f. n.** *indistinctalis* Persia p. 436 figs., AMSEL t.c.

Aethaloessa c. calidalis Guen. from *Glyphodes*; *tiphalis* Wlk. (= *Syngamia aurantica* Hmps.) (a subsp. of *c.*), *floridalis* Zell. from *S.* p. 106; *rufula* **sp. n.** Solomon Is. p. 107; key to ♂♂ p. 108 figs., WHALLEY Bull. Brit. Mus. (Nat. Hist.) Ent. **10.**

Agriope latidorsalis see *Crocalia aglossalis.*

Agriphila cyrenaicella Rag. (= *Crambus alexandriensis* Bak.) p. 23; *tristella* Sch. & Den. (= *C. discistrigatus* Hmps.); *argentistrigella* Rag. (= *C. nebrodellus* Zer.) from *C.* p. 24, BLESZYŃSKI Polsk. Pismo ent. **30** 1960.—*A. bleszynskiella* **sp. n.** Persia p. 326 figs., AMSEL Ark. Zool. (N.S.) **13.**

Alatuncusia bergi Mschl. from *Dichogama* p. 11 figs., MUNROE Canad. Ent. suppl. 24.

Alophia combustella **subsp. n.** *hyrcanella* Persia p. 385, AMSEL Ark. Zool. (N.S.) **13.**

Amechedia **gen. n.** (similar to *Mechedia*), *pagmanella* **sp. n.** Persia p. 385 fig., AMSEL t.c.

Anatralata **gen. n.** for *Aporodes versicolor* Warr. p. 30 figs., MUNROE Canad. Ent. suppl. 24.

Ancylosis ecbataniella, alvandella **spp. n.** Persia p. 347 figs., AMSEL Ark. Zool. (N.S.) **13.**

Anemmalocera **gen. n.** (nr. *Emmalocera*) p. 335, *flavescentella* **sp. n.** Persia p. 336 figs., AMSEL t.c.

Anomocrambus **gen. n.** (resembles *Crambus*), *homerus* **sp. n.** Natal p. 204 figs., BLESZYŃSKI Polsk. Pismo ent. **31.**

Aporodes? *pygmaealis* **sp. n.** Persia p. 433 figs., AMSEL Ark. Zool. (N.S.) **13.**—*A. versicolor* see *Anatralata*; *arbutalis* see *Heliothelopsis.*

Araxes famulella see *Calamotropha.*

Arescoptera see *Scenedra.*

Argentochiloides **gen. n.** (*Crambus*-group) p. 36, *xanthodorsellus* **sp. n.** Tanganyika p. 37 figs., BLESZYŃSKI Z. wien. ent. Ges. **46.**

Arnia (*Stenia*) *nervosalis* **subsp. n.** *hyrcanalis* Persia p. 410, AMSEL Ark. Zool. (N.S.) **13.**

Asaluria **gen. n.** (nr. *Saluria*) p. 553, *reisseri* Persia p. 554 figs., AMSEL S.B. öst. Akad. Wiss. (I) **167** 1958.

Asarta firusella **sp. n.** Persia p. 358 fig., AMSEL Ark. Zool. (N.S.) **13.**

Aureocramboides **gen. n.** (resembles *Crambus*), *apollo* E. Africa p. 205 figs., BLESZYŃSKI Polsk. Pismo ent. **31.**

Boreophila ? *nissalis* **sp. n.** Persia p. 419 fig., AMSEL Ark. Zool. (N.S.) **13.**

Bostra laristanalis p. 394, *kirmanialis, shirazalis* p. 396 **spp. n.** Persia figs., AMSEL t.c.

Botis vibicalis see *Microtheoris*; *commortalis* see *Nannobotys.*

Cadra parasitella Staud. (= *woodiella* Rich. & Thoms.) p. 113, WHALLEY Ent. Gaz. **12.**

Caffrocrambus **gen. n.** for *Crambus dichotomellus* Hmps. (type), *chalcimerus* Hmps. p. 200; *alcibiades* **sp. n.** Cape Prov. p. 202 figs., BLESZYŃSKI Polsk. Pismo ent. **31.**

Calamotropha bradleyi S. Africa p. 16, *azumai* Japan p. 17 **spp. n.**; *orontella* Rag. (= *Crambus leucaniellus* Zern., *c. fuscilineatellus* Luc.) p. 28 figs., BLESZYŃSKI op. cit. **30** 1960.—*C.* revision of the World spp. pp. 137–272; *formosella* p. 169, *sattleri* p. 192, *subalcesta* p. 202 Formosa, *okanoi* Japan p. 170, *josettae* p. 185, *sienkiewiczi* p. 190 China, *megalopunctata* Sudan p. 192, *alcesta* p. 200, *saturnella* p. 202, *venera* p. 218, *indica* p. 259 India, *sumatraella* Sumatra p. 209, *pseudodielota* p. 213, *schwarzi* p. 217 Ceylon, *javaica* Java p. 214, *janusella* Abyssinia p. 221, *diakonoffi* p. 222, *xanthypa* p. 236 Natal, *lattini* p. 226, *danutae* p. 237, *agryppina* p. 246 Nyasaland, *martini* Uganda p. 227, *stachi* p. 234, *cleopatra* p. 238, *athena* p. 241 Africa, *mimosa* Belg. Congo p. 240, *wallengreni* Zululand p. 246, *joskeaella* p. 247, *kuchleini* p. 252, *schoenmanni* p. 254 Tanganyika, *bicornutella* Angola p. 249, *subdiodonta* Gabon p. 253 **spp. n.**; *megalopunctata* **subsp. n.** *minuta* Gold Coast p. 193; *atkinsoni* **subsp. n.** *malaica* Calcutta p. 196; *paludella* Hb. (= *p. afghanistanica* Blész., *Chilo paramattellus* Meyr., *Crambus carpherus* Hmps., *Cr. typhivorus* Meyr., *Conocrambus calamosus* Hmps.) p. 152; *purella* Leech (= *inouei* Blész., *Cr. flaviguttellus* Wil. & South, *Cr. chinostola* Hmps., *Cr. angulatus* Shib.) p. 155; *aureliella* Fisch., Edl. & Rössl. (= *fulvilineata* Ok.) p. 162; *nigripunctella* Leech (= *Cr.*

hoenei Car. & Meyr.); *atkinsoni* Zell. (= *fuscicostella* Snell.) p. 196; *hierichuntica* Zell. (= *orontella* Rag., *Cr. leucaniellus* Zern.) p. 230; *aurifusalis* Car. a subsp. of *purella* p. 156; *asagirii* Ok. a subsp. of *fulvifusalis* p. 159; *kikuchii* Ok. a subsp. of *aureliella* p. 163; *famulella* Wlk. from *Araxes* p. 174; *torpidella* Zell. from *Chilo* p. 223; *subterminella* Wil. & South p. 172, *albistrigella* Hmps. p. 173, *boninella* Shib. p. 174, *argenticilia* Hmps. p. 175, *melanosticta* Hmps. p. 177, *punctivenella* Hmps. p. 178, *neurigrammalis* Hmps. p. 180, *latella* Snell. p. 181, *brevilinella* South p. 183, *brevistrigella* Car. p. 189, *corticella* Hmps. p. 199, *leptogrammella* Meyr. p. 203, *arachnophaga* Strand p. 206, *shichito* Marumo p. 210, *unicolorella* Zell. p. 215, *endopolia* Hmps. p. 219, *fuscivittalis* Hmps. p. 228, *anticella* Wlk. p. 220, *niveicostella* Hmps. p. 235, *heliocausta* Wall. p. 243, *psaltrias* Meyr. p. 244, *diodonta* Hmps. p. 250, *tripartita* Hmps. p. 256, *argyrostola* Hmps. p. 257, *oculalis* Snell. p. 258, *melli* Car. & Meyr. p. 260, *tonsalis* Wlk. (= *Cr. albidorsatus* Hmps.) p. 194 from *Crambus* figs., Błeszyński Acta Zool. cracov. **6**.

Catoptria dimorphella Stgr. (= *Crambus haywardi* Reb.) from *C.* p. 25, Błeszyński Polsk. Pismo ent. **30** 1960.

Chilo paramattellus see *Calamotropha paludella*; *torpidella* see *C.*

Chrysocrambus sardiniellus Tur. (= *cornutellus* Pierce) p. 76, Whalley Ent. Gaz. **12**.

Ciliocerodes **gen. n.** (rel. to *Nephopterix*), *belutschistanella* **sp. n.** Persia p. 368 figs., Amsel Ark. Zool. (N.S.) **13**.

Ciliopempelia **gen. n.** (similar to *Pempelia*), *hyrcanella* **sp. n.** Persia p. 355 figs., Amsel t.c.

Cirrhochrista key to spp. from Madagascar & Comoro Is. p. 188; *griveaudalis* Comoro Is., *oxylalis* p. 191, *metisalis* p. 192 Madagascar **spp. n.** figs., Viette Rev. franç. Ent. **28**.

Cledeobia unifascialis **sp. n.** Persia p. 394 figs., Amsel Ark. Zool. (N.S.) **13**.

Coleocornutia **gen. n.** (Phycitinae), *shirazella* (type), *ecbataniella* **spp. n.** Persia p. 372 figs., Amsel t.c.

Conocrambus calamosus see *Calamotropha paludella*.

Cotachena histricalis-complex revision pp. 99–104; *alysoni* **sp. n.** China p. 101; *h.* Wlk. (= *peractilis* Warr., *trinotata* Btlr., *h. orientalis* Rothsch.) p. 99 figs., Whalley Bull. Brit. Mus. (Nat. Hist.) Ent. **10**.

Crambus sacchari Fabricius, 1798, rejected, Opinion 594, Bull. zool. Nom. **18**.—*C. whalleyi* **sp. n.** Brazil p. 11; *similimellus* M.-R. not a syn. of *Chrysocrambus craterellus lambesellus* Car. p. 31 fig., Błeszyński Polsk. Pismo ent. **30** 1960.—*C.* of the Ethiopian reg. pp. 165–218; *themistocles* p. 169, *sebrus* p. 170, *archimedes* p. 171, *thersites* p. 173, *caligula* p. 176, *pythagoras* p. 177, *aristophanes* p. 178, *bellissimus* p. 179, *guerini* p. 183, *cormieri* p. 185, *prometheus* p. 187, *pseudosparsellus* p. 189, *razowskii* p. 191, *eurypides* p. 192, *icarus* p. 195, *midas* p. 197, *nephretete* p. 198, *ovidius* p. 199 **spp. n.** Ethiopian reg.; *hampsoni* **n. n.** for *mediofasciellus* Hmps. nec Zern. p. 172; *leucoschalis* p. 181, *vittiterminellus* p. 182, *sparsellus* (also ♀) ♂ genitalia p. 189 figs., Błeszyński op. cit. **31**.—*C. argyrophorus*-group revision pp. 345–366; *coryolanus* Darjeeling, *narcissus* p. 350, *achilles* p. 357 China; *athamas* Assam p. 354, *hyacinthus* Formosa p. 358 **spp. n.** figs., Błeszyński Acta zool. cracov. **6**.—*C. subterminellus, albistrigella, unicolorella, leptogrammella, boninella, argenticilia, melanosticta, punctivenella, neurigrammalis, latella, brevilinella, brevilinellus, corticellus, arachnophagus, shichito, endopolia, fuscivittalis, niveicostellus, heliocaustus, psaltrias, diodonta, tripartitus, argyrostola, melli, anticella, tonsalis* (*albidorsatus*) see *Calamotropha*; *carferus, typhivorus* see *C. paludella*; *hoenei* see *C. nigripunctella*; *leucaniellus* see *C. hierichantica*; *leucaniellus, fuscilineatellus* see *C. orontella*; *alexandriensis* see *Agriphila cyrenaicella*; *discistrigatus* see *A. tristella*; *argentistrigella* (*nebrodellus*) see *A.*; *dimorphella* (*haywardi*) see *Catoptria*; *ribbeella* (*escalerellus*), *palmitiella* see *Pediasia*; *uhryki* see *P. luteella*; *subdesertellus, mariaeludovicae* see *P. siculella*; *dichotomellus, chalcimerus* see *Caffrocrambus*; *flavoflabella, albivena, aurifimbriella* (*mandarinellus*), *inflexella, inclaris* see *Pseudocatharylla*.

Crocalia aglossalis Rag. (= *Agriope latidorsalis* Trti.) p. 400, Amsel Ark. Zool. (N.S.) **13**.

Cuneifrons **gen. n.** (Odontiini), *coloradensis* **sp. n.** Colorado p. 26 figs., Munroe Canad. Ent. suppl. 24.

Cybalomia dentilinealis **sp. n.** Persia p. 408 figs., Amsel Ark. Zool. (N.S.) **13**.

Cymbopteryx **gen. n.** (nr. *Frechinia*), *fuscimarginalis* **sp. n.** (type) Arizona p. 22; *unilinealis* Barn. & McD. (= *Loxostegopsis phaeopasta* Hmps.) from *Loxostege* p. 23 figs., Munroe Canad. Ent. suppl. 24.

Dalakia **gen. n.** (rel. to *Acritonia*), *uniformella* **sp. n.** Persia p. 333 figs., Amsel Ark. Zool. (N.S.) **13**.

Denticera **gen. n.** (nr. *Pogoneura*), *sardzeella* **sp. n.** Persia p. 366 figs., Amsel t.c.

Dentitegumia **gen. n.** for *Pristophora nigrigranella* Rag. (type) p. 374; *comeella* **sp. n.** Persia p. 375 figs., Amsel t.c.

Diaraetria Grote, 1882, rejected, Opinion 594, Bull. zool. Nom. **18**.

Diatraea Guilding, 1828, placed on Official List of Generic Names in Zoology, Opinion 594, Bull. zool. Nom. **18**.

Diatrea Guilding, 1828, rejected, Opinion 594, Bull. zool. Nom. **18**.

Dichogama bergi see *Alatuncusia*.

Dichozoma **gen. n.** for *Loxostege parvipicta* Barn. & McD. p. 25 figs., Munroe Canad. Ent. suppl. 24.

Dilacinia **gen. n.** (rel. to *Epimetasia*), *badialis* **sp. n.** Persia p. 432 fig., Amsel Ark. Zool. (N.S.) **13**.

Dioryctria spp. of Italy (list, distribution pp. 12–14) pp. 9–143; *sylvestrella* Ratz. (a valid sp.) nomenclature discussed p. 51; *abietella* pp. 18–38, *sylv.* pp. 55–67, *mendacella* pp. 78–90, *pineae* pp. 99–111 larva, pupa & adult, *mutatella* pp. 118–123, *schutzeella* pp. 124–130 adult, distinguishing characters figs., Zocchi Redia (2) **46**.—*D. stenopterella* **sp. n.** Persia p. 377 figs., Amsel Ark. Zool. (N.S.) **13**.

Ecbatania **gen. n.** (Phycitinae), *alvandella* **sp. n.** Persia p. 358 fig., Amsel t.c.

Ematheudes varicella Rag. a f. of *punctella* subsp. *vittelinella* p. 334, Amsel t.c.

Emprepes palealis Ams. (= *comealis* Ams.); *belutschistanalis* **sp. n.** Persia p. 435 figs., Amsel t.c.—*E. flavomarginalis* Ams. from *Heliothela* p. 437, Amsel t.c.

Endosimilis **gen. n.** for *Endotricha stilbealis* Wlk. (= *Endotr. pyrocaustalis* Low.) p. 735 fig., Whalley Ann. Mag. nat. Hist. (13) **3**.

Endotricha stilbealis (*pyrocaustalis*) see *Endosimilis*.

Epischnia unicornutella **sp. n.** Persia p. 384 figs., AMSEL Ark. Zool. (N.S.) **13.**

Eromene islamella see *Euchromius ramburiellus*; *gratiosella* see *E.*

Euchromius Guenée a valid gen. (type *Tinea bella* Hb.) p. 451; *viettei* Arabia p. 455, *gozmani* Spain p. 462, *mouchai* S.E. Russia p. 464, *klimeschi* Natal p. 467 **spp. n.**; *hampsoni* p. 454, *superbellus* Zell. (= *Ommatopteryx* (*Eromene*) *cypriusella* Ams.) p. 457, *rayatellus* (1st ♀) p. 460, *keredjellus* p. 465 genitalia figs., BŁESZYŃSKI Acta ent. Mus. nat. Pragae **34.**—*E. ramburiellus* Dup. (= *Eromene islamella* Ams.) p. 37; *gratiosellus* Car. from *E.* p. 38 figs., BŁESZYŃSKI Z. wien. ent. Ges. **46.**—*E. malekalis* **sp. n.** Persia p. 330 figs., AMSEL Ark. Zool. (N.S.) **13.**

Eurhodope flavella Ams. a subsp. of *incensella*; *monogrammos* **subsp. n.** *homochromella* Persia p. 388, AMSEL t.c.—*E. hyrcanella* see *Eurhophaea*.

Eurhophaea **gen. n.** for *Eurhodope hyrcanella* Ams. (a good sp. not subsp. of *Eurhod. flavella*) p. 387 figs., AMSEL Ark. Zool. (N.S.) **13.**

Eurycreon elautalis see *Pseudoschinia*.

Evergestis caesialis **subsp. n.** *comealis* p. 428; *hyrcanalis*, *laristanalis* p. 430, *elbursalis* p. 431 **spp. n.** Persia; *grummi* Chr. (= *paragrummi* Ams.) p. 429 figs., Amsel Ark. Zool. (N.S.) **13.**

Farsia **gen. n.** (nr. *Amechedia*), *pallorella* **sp. n.** Persia p. 375 fig., AMSEL t.c.

Frechinia **gen. n.** for *Titanio helianthiales* Murtf. (type), *murmuralis* Dyar, *lutosalis* Barn. & McD., *laetalis* Barn. & McD., *criddlealis* Munr. p. 16; *texanalis* **sp. n.** Texas p. 20; key to N. Amer. spp. p. 17 figs., MUNROE Canad. Ent. suppl. 24.

Fredia **gen. n.** (nr. *Cybalomia*), *tchahbaharia* **sp. n.** Persia p. 405 fig , AMSEL Ark. Zool. (N.S.) **13.**

Gauna Wlk. (= *Laryodryas* Turn., *Perisseretema* Warr.) p. 734, WHALLEY Ann. Mag. nat. Hist. (13) **3.**

Glyphodes c. calidalis see *Aethaloessa*.

Gnathomorpha firusella p. 373, *senganella* p. 374 **spp. n.** Persia figs., AMSEL Ark. Zool. (N.S.) **13.**

Heliothela flavomarginalis see *Emprepes*; *costipunctalis*, *unicoloralis* see *Heliothelopsis*.

Heliothelini **trib. n.** for *Heliothela* Gn. p. 438 fig., AMSEL Ark. Zool. (N.S.) **13.**

Heliothelopsis **gen. n.** for *Aporodes arbutalis* Snell. (type) (= *Panameria rhea* Druce) p. 52; *costipunctalis* Barn. & McD., *unicoloralis* Barn. & McD. from *Heliothela* p. 52 figs., MUNROE Canad. Ent. suppl. 24.

Heterographis geminella p. 351, *benderella*, *trilineata* p. 352, *ciliella* p. 353 **spp. n.** Persia; *harmoniella* Rag. (= *fulminantella* Trti.) p. 350 figs., AMSEL Ark. Zool. (N.S.) **13.**

Homoeosoma zinianella p. 339, *comeella* p. 340, *microsignella*, *persicella* p. 341, *binaloudella* p. 342 **spp. n.** Persia figs., AMSEL t.c.—*H. heinrichi* **sp. n.** Uruguay p. 352 figs., PASTRANA Rev. Invest. agríc. **15.**

Hyperlais (*?*) *benderalis* **sp. n.** Persia p. 409 figs., AMSEL Ark. Zool. (N.S.) **13.**

? *Hyphantidium fredi* **sp. n.** Persia p. 356 figs., AMSEL t.c.

Iraniodes **gen. n.** (nr. *Acteniopsis*) p. 399, *bilinealis* **sp. n.** Persia p. 400 fig., AMSEL t.c.

Jatlva **gen. n.** for *Orobena castanealis* Hulst p. 42 figs., MUNROE Canad. Ent. suppl. 24.

Khachia **gen. n.** (nr. *Emmalocera*) p. 336, *albicostella* **sp. n.** Persia p. 338 figs., AMSEL Ark. Zool. (N.S.) **13.**

Krombia belutschistanalis p. 408, *minimella* **spp. n.**; *pulchella* **subsp. n.** *farsella* p. 407 Persia figs., AMSEL t.c.

Laryodryas see *Gauna*.

Lepidogma hyrcanalis **sp. n.** Persia p. 392 fig., AMSEL Ark. Zool. (N.S.) **13.**

Loxostege fredi **sp. n.** Persia p. 427 figs., AMSEL t.c.—*L. unilinealis* see *Cymbopteryx*; *parvipicta* see *Dichozoma*.

Loxostegopsis phaeopasta see *Cymbopteryx unilinealis*.

? *Makrania benderella* **sp. n.** Persia p. 335 figs., AMSEL Ark. Zool. (N.S.) **13.**

Manhatta biviella genitalia p. 123 fig., HOLST Ent. Medd. **31.**

Mardinia ossealis Stgr. from *Metasia* p. 416 fig., AMSEL Ark. Zool. (N.S.) **13.**

Margaretania **gen. n.** (Crambinae), *superba* **sp. n.** Persia p. 329 figs., AMSEL t.c.

Mecyna sefidalis Ams. from *Pyrausta*; *indistinctalis*, *grisealis* p. 420, *albalis* p. 421 **spp. n.** Persia figs., AMSEL t.c.

Mesocrambus tamsi **sp. n.** (*candiellus* compared) N. Africa p. 14 figs., BŁESZYŃSKI Polsk. Pismo ent. **30** 1960.

Metasia comealis, *sefidalis* p. 414, *alvandalis*, *continualis* p. 415, *pseudocontinualis*, *kurdistanalis* p. 416, *laristanalis*, *farsalis* p. 417, *belutschistanalis*, *pagmanalis* p. 418 **spp. n.** Persia figs., AMSEL Ark. Zool. (N.S.) **13.**—*M. ossealis* see *Mardinia*.

Microtheoris vibicalis Zell. from *Botis* p. 13; *ophionalis* **subspp. n.** *lacustris* Ontario, Michigan p. 14, *eremica* Texas, New Mexico, Arizona, *baboquivariensis* Arizona, *occidentalis* Br. Columbia, Idaho, Montana, California p. 15 figs., MUNROE Canad. Ent. suppl. 24.

Midila martineziana p. 145, *orfilai* p. 148 **spp. n.** Bolivia figs., PASTRANA Actas Trab. I Congr. sudamer. Zool. 1959 **3** 1960.—*M. sulphurata* **sp. n.** Brazil p. 47 figs., WHALLEY Agros **10** 1957.

Mimoschinia rufofascialis Steph., *r. novalis* Grote p. 40, *r. decorata* Druce (a subsp. of *r.* not f. of. *r.n.*) p. 41 from *Noctuelia* figs., MUNROE Canad. Ent. suppl. 24.

Mojavia **gen. n.** for *Noctuelia achemonalis* Barn. & McD. (= *N. a. pulcharalis* Barn. & McD.) p. 50 figs., MUNROE t.c.

Myelois fuscicostella **subspp. n.** *infumatella*, *niveisplendella* Persia p. 390, AMSEL Ark. Zool. (N.S.) **13.**

Nannobotys **gen. n.** for *Botis commortalis* Grote p. 36 figs., MUNROE Canad. Ent. suppl. 24.

Noctuelia rufofascialis, *r. novalis*, *r. decorata* see *Mimoschinia*; *puertalis*, *palmalis*, *atascaderalis*, *aridalis*, *pandoralis*, *bububattalis*, *virula* see *Noctueliopsis*; *achemonalis* (*a. pulcharalis*) see *Mojavia*.

Noctueliopsis **gen. n.** for *Noctuelia puertalis* Barn. & McD. (type), *palmalis* Barn. & McD., *atascaderalis* Munr., *aridalis* Barn. & McD., *pandoralis* Barn. & McD., *bububattalis* Hulst, *virula* Barn. & McD. p. 44; key p. 45 figs., MUNROE Canad. Ent. suppl. 24.

Oligochroa tchourouma **sp. n.** (with **ff. n.** *seminigralis* p. 383, *nigrosquamalis*) p. 382 Persia figs., AMSEL Ark. Zool. (N.S.) **13.**

Ommatopteryx cypriusella see *Euchromius superbellus*.

Orobena castanealis see *Jativa*.

Pagmania **gen. n.** (Crambinae), *bilinealis* **sp. n.** Persia p. 332 fig., AMSEL Ark. Zool. (N.S.) **13.**

Palloria **gen. n.** (Phycitinae), *bicornutella* **sp. n.** Persia p. 362 figs., AMSEL t.c.

Panameria rhea see *Heliothelopsis arbutalis*.

Paramecyna **gen. n.** (rel. to *Mecyna*), *dimorphalis* **sp. n.** Persia p. 419 figs., AMSEL Ark. Zool. (N.S.) **13.**

Pediasia ribbeella Car. (= *Crambus escalerellus* Schm.) p. 25, *palmitiella* Chrét. from *C.*; *aridella* Thnb. (= *squalidalis* Hb.) from *Tinea* p. 26; *a. caradjaella* Reb. (= *a. nepos* Rothsh.); *luteella* Sch. & Den. (= *C. uhryki* Rothsh.) p. 27; *siculella* Dup. (= *C. subdesertellus* Chrét., *C. mariaeludovicae* Luc.) p. 28, BŁESZYŃSKI Polsk. Pismo ent. **30** 1960.

Perisseretema see *Gauna*.

Persicoptera Meyr. (= *Scenidiopsis* Turn.) p. 734, WHALLEY Ann. Mag. nat. Hist. (13) **3.**

Phycita hyrcanella **sp. n.** Persia p. 376 figs., AMSEL Ark. Zool. (N.S.) **13.**

Pionea belialis see *Procymbopteryx*; *pyraustiformis* see *Udea*.

Pirizanodes **gen. n.** (nr. *Pirizania*) p. 378, *farsella* **sp. n.** Persia p. 379 fig., AMSEL Ark. Zool. (N.S.) **13.**

Plumipalpia **gen. n.** (Odontiini), *martini* **sp. n.** California p. 36 figs., MUNROE Canad. Ent. suppl. 24.

Pogonogenys **gen. n.** for *Titanio proximalis* Fern. (type) p. 32; *frechini* Washington p. 33, *masoni* California p. 34 **spp. n.** figs., MUNROE t.c.

Porphyrorhegma **gen. n.** (Odontiini) p. 37, *fortunata* **sp. n.** California p. 38 figs., MUNROE t.c.

Praeepischnia taftanella **subsp. n.** *alvandella* Persia p. 384 fig., AMSEL Ark. Zool. (N.S.) **13.**

Praekatja **gen. n.** (nr. *Katja*) p. 398, *pagmanalis* **sp. n.** Persia p. 399 fig., AMSEL t.c.

Pristophora nigrigranella see *Dentitegumina*.

Pristophorodes ? *keredjella* **sp. n.** Persia p. 376 fig., AMSEL Ark. Zool. (N.S.) **13.**

Proavitheudes **gen. n.** (*Ematheudes* compared), *persicella* **sp. n.** Persia p. 334 figs., AMSEL t.c.

Prochoristis malekalis **sp. n.** Persia; *capparidis* Chr. a subsp. of *rupicapralis* p. 406 fig., AMSEL t.c.

Procymbopteryx **gen. n.** for *Pionea belialis* Druce p. 20 figs., MUNROE Canad. Ent. suppl. 24.

Prolais **gen. n.** (*Hyperlais* compared), *elbursalis* **sp. n.** Persia p. 410 figs., AMSEL Ark. Zool. (N.S.) **13.**

Psammobotys **gen. n.** (Odontiini), *fordi* **sp. n.** California p. 39 figs., MUNROE Canad. Ent. suppl. 24.

Pseudocatharylla **gen. n.** for *Crambus flavoflabella* Car. (type), *albivena* Ok., *aurifimbriella* Hmps. (= *C. mandarinellus* Car. p. 35), *infixella* Wlk., *inclaris* Wlk. p. 33 figs., BŁESZYŃSKI Z. wien. ent. Ges. **46.**

Pseudoschinia **gen. n.** for *Eurycreon elautalis* Grote p. 43 figs., MUNROE Canad. Ent. suppl. 24.

Psorosodes dalakiella further description p. 355, AMSEL Ark. Zool. (N.S.) **13.**

Pyralis farinalis **subsp. n.** *orientalis* Persia p. 401, AMSEL t.c.

Pyrausta shirazalis, *taftanalis* p. 424, *laristanalis* p. 425 **spp. n.** Persia figs., AMSEL t.c.—*P. sefidalis* see *Mecyna*; *mechedalis* see *Udea*.

Repetekia see *Repetekiodes*.

Repetekiodes **n. n.** for *Repetekia* Ams. nec Oshan. p. 364, AMSEL Ark. Zool. (N.S.) **13.**

Rhodocantha **gen. n.** (Odontiini) p. 15, *diagonalis* **sp. n.** New Mexico, Texas p. 16 figs., MUNROE Canad. Ent. suppl. 24.

Rhodophaea pagmanalis **sp. n.** Persia p. 386 figs., AMSEL Ark. Zool. (N.S.) **13.**

Sardzea **gen. n.** (nr. *Nephopterix*), *diviselloides* **sp. n.** Persia p. 371 figs., AMSEL t.c.

Scenedra Meyr. (= *Arescoptera* Turn.) p. 734, WHALLEY Ann. Mag. nat. Hist. (13) **3.**

Scenidiopsis see *Persicoptera*.

Scoparia alvandella, (*Eudoria*) *albalis* **spp. n.** Persia p. 404 figs., AMSEL Ark. Zool. (N.S.) **13.**

Staudingeria persicella **sp. n.**; *khuzistanella* **subsp. n.** *benderella* Persia p. 353 fig., AMSEL t.c.

Syngamia calidalis tiphalis (*aurantica*), *floridalis* see *Aethaloessa*.

Syria biflexella **subsp. n.** *fuscella* Persia p. 354, AMSEL Ark. Zool. (N.S.) **13.**

Tegostoma marginalis **sp. n.** Persia p. 434 figs., AMSEL t.c.

Tenellopsis **gen. n.** (nr. *Salebriodes*) p. 379, *microphycita* **sp. n.** Persia p. 380 figs., AMSEL t.c.

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Threnodes elbursana **sp. n.** Persia p. 433 figs., AMSEL t.c.

Tinea ardiella (*squalidalis*) see *Pediasia*.

Titanio ecbataniella **sp. n.** Persia p. 557 figs., AMSEL S.B. öst. Akad. Wiss. (I) **167** 1958.—*T. helianthialis*, *murmuralis*, *lutosalis*, *laetalis*, *criddlealis* see *Frechinia*; *proximalis* see *Pogonogenys*.

Udea ardekanalis **sp. n.** Persia; *mechedalis* Ams. from *Pyrausta*; *pyraustiformis* Toll from *Pionea* p. 422 figs., AMSEL Ark. Zool. (N.S.) **13.**

Uncinomorpha **gen. n.** (nr. *Uncinus*), *bamella* **sp. n.** Persia p. 555 figs., AMSEL S.B. öst. Akad. Wiss. (I) **167** 1958.

Uncinus taftanella p. 359, *discostriella* p. 360 **spp. n.** Persia figs., AMSEL Ark. Zool. (N.S.) **13.**

Valva **gen. n.** (Phycitinae), *candiopella* **sp. n.** Persia p. 373 fig., AMSEL t.c.

Vogtia **gen. n.** (nr. *Divitiaca*) p. 265, *malloi* **sp. n.** Argentina p. 268 figs., PASTRANA Rev. Invest. agríc. **15.**

Xanthocrambus watsoni **sp. n.** (*delicatellus* compared) N. Africa p. 13 figs., BŁESZYŃSKI Polsk. Pismo ent. **30** 1960.

Xenophestia intermediella **sp. n.** Persia p. 344 fig., AMSEL Ark. Zool. (N.S.) **13.**

PTEROPHORIDAE (ALUCITIDAE).

Pterophoridae Zeller, 1841, plea for addition to Official List of Family-Group Names in Zoology pp. 159–160, WHALLEY Bull. Zool. Nom. **18.**

Aciptilia nephelodactyla **egg,** larva pp. 246, 249; genitalia figured p. 245, ŻUKOWSKI Polsk. Pismo ent. **30** 1960.

Nippoptilia (*Stenoptilia, Platyptilia* compared p. 71) *issikii* **sp. n.** Japan p. 73; *vitis* p. 72, *minor* p. 76 genitalia figs., YANO Publ. ent. Lab. Coll. Agric. Univ. Osaka no. 6.

Oidaematophorus nigridactylus **sp. n.** Japan p. 154 figs., YANO Kontyû **29.**

Platyptilia scutata **sp. n.** Japan p. 151 figs., YANO t.c.

Pterophorus Schäffer, 1766 & type *pentadactyla* Linnaeus, 1758 plea for addition to Official Lists pp. 159–160, WHALLEY Bull. zool. Nom. **18.**—*P.* (*Calyciphora*) *nephelodactylus, xanthodactylus* ♂ genitalia figured p. 159, JAECKH Boll. Soc. ent. ital. **91.**

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SATURNIIDAE.

A study of first instar larvae of Saturniidae (significance of setae & their supporting structures; key pp. 104–107), with special reference to Nearctic genn., PEASE J. Lep. Soc. **14:** 89–111, 51 figs.

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Amurilla subpurpurea ♂ genitalia figured p. 139, OKAGAKI Publ. ent. Lab. Coll. Agric. Univ. Osaka no. 6.

Cosmotriche lunigera takamukuana ♂ genitalia figured p. 142, OKAGAKI t.c.

Dendrolimus undans flaveola, yamadai superans, spectabilis ♂ genitalia figured p. 140, OKAGAKI t.c.

Gastropacha quercifolia cerridifolia ♂ genitalia figured p. 139, OKAGAKI t.c.

Malacosoma neustria testacea ♂ genitalia figured p. 139, OKAGAKI t.c.

Odonestis pruni rufescens ♂ genitalia figured p. 139, OKAGAKI t.c.

Philudoria albomaculata, potatoria, divisa sulphura ♂ genitalia figured p. 141, OKAGAKI t.c.

Poecilocampa populi tamanukii ♂ genitalia figured p. 142, OKAGAKI t.c.

Somadasys brevivenis ♂ genitalia figured p. 142, OKAGAKI t.c.

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Vietteopoloma **gen. n.** (Ectoporinae, place in key) p. 303, *madagascariensis* **sp. n.** Madagascar p. 304 figs., HERING Bull. Soc. ent. Fr. **65.**

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Dalceridae of Argentina (key to genn. p. 252), ORFILA Rev. Invest. agríc. **15:** 249–264, 1 pl., 12 figs.

Acraginae **subfam. n.** p. 251, ORFILA Rev. Invest. agríc. **15.**

Dalargentina **gen. n.** (nr. *Acraga*) p. 252, *sexquicentenaria* **sp. n.** Argentina p. 254 figs., ORFILA t.c.

Dalcera haywardi **sp. n.** Argentina p. 260 fig., ORFILA t.c.

Dalcerinae **subfam. n.** p. 252, ORFILA t.c.

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Fletcherodes **n. n.** for *Pseudolimacodes* Viette nec Grote; *brunnea* Viette from *P.* p. 39, VIETTE Entomologist **94.**

Pseudolimacodes see *Fletcherodes*; *brunnea* see *F.*

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Orna (*Epiorna*) *angolensis* **sp. n.** Angola p. 2 figs., ALBERTI Opusc. zool. no. 54.

Procris (*Jordanita*) *vartianae* **sp. n.** (*globulariae* compared) Spain p. 216 figs., MALICKY Ent. Ber. **21.**—*P.* (*P.*) *statices* p. 19, (*P.*) *geryon,* (*Jordanita*) *globulariae* p. 20 of Britain figs., TREMEWAN Ent. Gaz. **12.**

Zygaena F. a catalogue of types & other specimens in Brit. Mus. (Nat. Hist.) pp. 241–313 figs., TREMEWAN Bull. Brit. Mus. (Nat. Hist.) Ent. **10.**—*Z.* F. subgenn. & their type spp. pp. 201–203, TREMEWAN Ent. Rec. **73.**—*Z.* spp. & subspp. of Spain pp. 1–8; *sarpedon* **subsp. n.** *rianoica* p. 1; *fausta* **subsp. n.** *margheritae*; *hilaris* **subsp. n.** *leonica* p. 3; *rhadamanthus* **subspp. n.** *manleyi* (with **ab. n.** *acingulata*), *aragonia* p. 4; *lavandulae* **subsp. n.** *alfacarica* (with **ab. n.** *pseudoespunnensis* p. 6) p. 5; *filipendulae kricheldorffana* **ab. n.** *sexmaculata* p. 7; *lonicerae* **subsp. n.** *leonensis* p. 8 Spain, TREMEWAN t.c.—*Z. hippocrepidis* **subsp. n.** *curtisi* (with **abb. n.** *miniacens, cingulata* p. 140) France p. 139, TREMEWAN t.c.—*Z. centripyrenaea* Burg. a subsp. of *hippocrepidis* not *transalpina*; *trifolii* **subsp. n.** *muspratti* Fr. Pyrenees p. 199, TREMEWAN t.c.—*Z. gibraltarica* **sp. n.** (*fausta* compared) Gibraltar p. 223 figs., TREMEWAN t.c.—*Z. filipendulae* **f. n.** *albomaculata* Holland p. 160, LEMPKE Tijdschr. Ent. **104.**—*Z. dalmatina* Bsd. a geogr. var. of *punctum*; *lathyri* Bsd. a f. of *p.d.* pp. 51–54 [July–August: pages repeated], HOLIK Bull. Soc. ent. Mulhouse **1961.**

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Acanthopsyche sierricola ♂ figured, further description p. 486 (*carbonarius* compared p. 491); new white f. p. 488 figs., BOURGOGNE Bull. Inst. franç. Afr. noire (A) **23.**—*A. siederi* **sp. n.** (*atra, zelleri* compared) Hungary p. 478 figs., SZÖCS Acta zool. hung. **7.**

Chalioides stenocyttara **sp. n.** Tanganyika p. 108 figs., BOURGOGNE Bull. Soc. ent. Fr. **66.**

Diplodoma & allied genn. in Japan (key to Palaearctic ♂♂ & ♀♀ pp. 262–264) pp. 261–351 figs., SAIGUSA Sieboldia **2.**

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Helleniinae **subfam. n.** (for *Hellenia* gen. n.) p. 124, SIEDER t.c.

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Megalophanes majoropsis **sp. n.** E. Africa p. 218 figs., BOURGOGNE Bull. Soc. ent. Fr. **65.**

Oreopsyche montenegrina **sp. n.** Yugoslavia p. 91, GOZMÁNY Glasnik prirod. Muz. Beogradu (B) **15** 1960. [*See also* Ann. hist.-nat. Mus. hung. **53:** 495.]

Paranarychia **gen. n.** (nr. *Narychia*) p. 266, *albomaculatella* **sp. n.** Japan p. 267 figs., SAIGUSA Sieboldia **2.**

Solenobia (*S.*) *parthenogenesis* **sp. n.** Japan p. 277; *cembrella* distinguishing characters p. 271 fig., SAIGUSA t.c.

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Cossus nigrosignatus, *teredo* see *Parahypopta caestrum.*

Hypopta caestrum, *issycus*, *putridus*, *sheljuzhkoi* see *Parahypopta.*

Parahypopta **gen. n.** for *Hypopta caestrum* Hb. (type) (= *Cossus nigrosignatus* Rtsch., *C. teredo* Bsd. p. 165), *issycus* Gaede, *putridus* Christ., *sheljuzhkoi* Zuk. p. 160 figs., DANIEL Mitt. münch. ent. Ges. **51.**

Phragmataecia castaneae **f. n.** *fusca* Holland p. 179, LEMPKE Tijdschr. Ent. **104.**

Sinicossus spp. & subspp. of Palaearctic region (original & some further descriptions) pp. 172–174 fig., DANIEL Mitt. münch. ent. Ges. **51.**

Zeuzera pyrina **f. n.** *marginestriata* Holland p. 178, LEMPKE Tijdschr. Ent. **104.**

PHALONIIDAE.

Studies on Cochylidae, II: Palaearctic genera (proposal to consider Cochylidae Guenée, 1845, as correct name for Phaloniidae p. 281; key to genn. p. 285); III: some spp. from Toll collection, RAZOWSKI 1960 Polsk. Pismo ent. **30:** 281–356, 146 figs., 397–402, 15 figs.

Palaearctic Cochylid types in Nat. Hist. Mus. Vienna (genitalia, synn.), RAZOWSKI Z. wien. ent. Ges. **46:** 23–28, 14 figs.

Aethes suppositana Kenn. from *Conchylis*; *adelaidae* Toll from *Lozopera* p. 400, RAZOWSKI Polsk. Pismo ent. **30** 1960.—*A. moribundana* Stgr. (= *Cochylis dispersana* Kenn.); *excellentana* Chr. p. 312, *spirana* Kenn. p. 313 from *Phalonia*; *perfidana* ♀ genitalia p. 314 figs., RAZOWSKI op. cit. **31.**—*A.* (*A.*) *elsana* **sp. n.** Caucasus p. 5; (*A.*) *nefandana* Kenn. (= *Conchylis diacrisiana* Rbl.) from *C.* p. 6; *margarotana* **ab.** *scabidulana* Led. (= *Euxanthis edrisitana* Chrét.) p. 7 figs., RAZOWSKI Acta zool. cracov. **6.**

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Argyrotoxa undulata see *Hysterosia ochrobasana.*

Bipenisia **subgen. n.** (type *jucundana* Treit.) see *Stenodes.*

Bleszynskiella **subgen. n.** (type *alternana* Steph.) see *Euxanthoides.*

Brevicornutia **subgen. n.** (type *pallidana* Zell.) see *Cochylis.*

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Ceratoxanthis **gen. n.** for *Conchylis argentomixtana* Stgr. p. 301 fig., RAZOWSKI Polsk. Pismo ent. **30** 1960.

Cochylidia subroseana **ff. n.** *derosana*, *roseotincta* Manchuria p. 399 figs., RAZOWSKI t.c.

Cochylis key to subgenn. p. 315; (*Neocochylis*, *Paracochylis* p. 316, *Brevicornutia* p. 317 **subgenn. n.**); *subposterana* Toll, *posterana* subsp. *hyrcana* Toll from *Phalonia* p. 401, RAZOWSKI t.c.—*C. undulatana* p. 315, *diana* p. 317, *maestana* genitalia; *dolosana* Kenn. from *Phalonia* p. 318; *rufosignana* Kenn. (= *Conchylis calavrytana* Rbl.) p. 317 figs., RAZOWSKI op. cit. **31.**—*C. nefandana* see *Aethes*; *dispersana* see *A. moribundana*; *infantana* see *Diceratura*; *chamomillana*, *santolinana* see *Euxanthoides*; *dictyodona* var. *insignata* see *Fulvoclysia d.*; *phaleratana* see *Longicornutia*; *tauriana* see *Phalonidia*; *peucedana* see *Stenodes.*

Conchylis suppositana see *Aethes*; *diacrisiana* see *A. nefandana*; *argentomixtana* see *Ceratoxanthis*; *calavrytana* see *Cochylis rufosignana*; *conjunctana* see *Cryptocochylis*; *leucanthana* see *Diceratura*; *chionopa* see *Prohysterophora*; *woliniana*, *jaculana* see *Stenodes*; *toreumatana* see *S. peucedana.*

Cryptocochylis **gen. n.** for *Conchylis conjunctana* Mann p. 313 fig., RAZOWSKI Polsk. Pismo ent. **30** 1960.

Diceratura infantana Kenn. from *Cochylis*; *leucanthana* Const. from *Conchylis* p. 7 figs., RAZOWSKI Acta zool. cracov. **6.**

Durrantia **subgen. n.** (type *rocharva* Obr.) see *Hysterosia.*

Eugnosta multifasciana Kenn. from *Euxanthis* p. 314 fig., RAZOWSKI Polsk. Pismo ent. **31.**

Eulia neftana see *Prohysterophora chionopa.*

Eupoecilia citrinana **sp. n.** Manchuria p. 401 fig., RAZOWSKI Polsk. Pismo ent. **30** 1960.

Eustenodes **subgen. n.** (type *dorsimaculana* Preiss.) see *Stenodes.*

Euxanthis multifasciana see *Eugnosta*; *additana* see *Euxanthoides*; *emeliana*, *armeniana*, *eburneana*, *pontana* (*bigenerana*), *discolorana*, *declivana* see *Stenodes*; *uncinatana* see *S. deceptana*; *edrisitana* see *Aethes margarotana scabidulana*; *ochrobasana*, *ochralana*, *drenowskyi* see *Hysterosia.*

Euxanthoides **gen. n.** for *Tortrix straminea* Haw. (type), *alternana* Steph., *Cochylis chamomillana* H.-S., *santolinana* Stgr. p. 302; (*Bleszynskiella* p. 303, *Paraxanthoides* p. 304 **subgenn. n.**, key p. 303) figs., RAZOWSKI Polsk. Pismo ent. **30** 1960.—*E. hannemanni* **sp. n.** Israel p. 310; *additana* Kenn. from *Euxanthis* p. 312 figs., RAZOWSKI op. cit. **31.**

Falseuncaria alaiana Carad. a good sp. (♂ genitalia) p. 304; *paralellana* Kenn. from *Phalonia* p. 305 figs., RAZOWSKI t.c.

Fulvoclysia dictyodana Stgr. (= *Cochylis d.* var. *insignatana* Stgr.) p. 308, RAZOWSKI t.c.

Hysterophora see *Obraztsoviana*, *Hysterosia*; *maculosana* (*porculana*, *purgatana*) see *O.*; *rocharva* see *H.*

Hysterosia (*Propira*) *ochrobasana* Chrét. (= *Argyrotoxa undulata* Luc.) p. 1, (*Pr.*) *drenowskyi* Rbl. p. 3, (*Pr.*) *ochralana* Chrét. (= *Phalonia bedeela* Luc.) from *Euxanthis*; (*Pr.*) *syrtana* Rag. from *Phtheochroa* p. 2 figs., RAZOWSKI Acta zool. cracov. **6.**—*H.* Steph. (= *Hysterophora* Obr. 1943 nec 1944 p. 288), key to subgenn.; *Parahysterosia* p. 289, *Durrantia* p. 290 **subgenn. n.**; (*D.*) *rocharva* Obr. from *H.* p. 287 figs., RAZOWSKI Polsk. Pismo ent. **30** 1960.—*H. rectangulana* ♂ genitalia p. 302; *thiana* Stgr. from *Phtheochroa* (*Cochylis*) p. 303 figs., RAZOWSKI op. cit. **31.**

Longicornutia **gen. n.** for *Cochylis phaleratana* H.-S. p. 314 fig., RAZOWSKI Polsk. Pismo ent. **30** 1960.

Lozopera adelaidae see *Aethes.*

Neocochylis **subgen. n.** (type *calavrytana* Rbl.) see *Cochylis.*

Obraztsoviana **n. n.** for *Hysterophora* Obr. 1944 nec 1943 p. 287; *maculosana* Haw. from *H.*; *porculana* Mn., *purgatana* Treit. (from *H.*) ff. of *m.* p. 288 fig., RAZOWSKI Polsk. Pismo ent. **30** 1960.

Paracochylis **subgen. n.** (type *amoenana* Kenn.) see *Cochylis.*

Parahysterosia **subgen. n.** (type *simoniana* Stgr.) see *Hysterosia*

Parastenodes **subgen. n.** (type *meridiana* Stgr.) see *Stenodes.*

Paraxanthoides **subgen. n.** (type *chamomillana* H.-S.) see *Euxanthoides.*

Phalonia revision of some Norwegian spp. pp. 250–254 fig., OPHEIM Norsk ent. Tidsskr. **11.**—*P. spirana* see *Aethes*; *paralellana* see *Falseuncaria*; *deceptana* see *Stenodes*; *chlorolitha* see *Phalonidia*; *subposterana*, *dolosana*, *posterana* subsp. *hyrcana* see *Cochylis*; *bedeela* see *Hysterosia ochralana.*

Phalonidia Le M. (= *Piercea* Fil.), *mussehliana* Treit. from *P.* p. 295; *contractana* Zell. from *Brevisociaria* p. 296; *chlorolitha* Meyr. from *Phalonia* p. 398; *tolli* **sp. n.** Manchuria p. 397 figs., RAZOWSKI Polsk. Pismo ent. **30** 1960.—*P. tauriana* Kenn. from *Cochylis* p. 306, RAZOWSKI op. cit. **31.**

Phtheochroa syrtana, *thiana* see *Hysterosia.*

Phtheochroides vulneratana Obr. nec Zett. type p. 293, RAZOWSKI Polsk. Pismo ent. **30** 1960.

Piercea see *Phalonidia*; *mussehliana* see *P.*

Prochlidonia **gen. n.** for *Tortrix amiantana* Hb. p. 309 fig., RAZOWSKI Polsk. Pismo ent. **30** 1960.

Prohysterophora **gen. n.** for *Conchylis chionopa* Meyr. (= *Eulia neftana* D. Luc. p. 302) p. 301 figs., RAZOWSKI op. cit. **31.**

Stenodes (*Substenodes* p. 298, *Parastenodes*, *Eustenodes* p. 299, *Bipenisia* p. 300 **subgenn. n.**, key p. 297); *woliniana* Meyr. p. 398, *jaculana* Snell. p. 399 from *Conchylis*, RAZOWSKI op. cit. **30** 1960.—*S. eburneana* Kenn., *pontana* Stgr. (= *Euxanthis bigenerana* Kenn.) p. 306, *discolorana* Kenn. p. 307, *declivana* Kenn. from *E.*; *deceptana* Kenn. (= *E. uncinatana* Kenn.) from *Phalonia* p. 308 figs., RAZOWSKI op. cit. **31.**—*S.* (*Substenodes*) *peucedana* Rag. (= *Conchylis toreumatana* Tur.) from *Cochylis*; (*Sub.*) *armeniana* Joann., (*Bipenisia*) *emiliana* Rbl. from *Euxanthis* p. 4 figs., RAZOWSKI Acta zool. cracov. **6.**

Substenodes **subgen. n.** (type *pontana* Stgr.) see *Stenodes.*

TORTRICIDAE.

Exotic Tortricoidea, records and descriptions, DIAKONOFF Ann. Soc. ent. Fr. **130:** 49–76, 1 pl., 31 figs.

Tortricidae from Madagascar in the Berlin Museum (list), DIAKONOFF Dtsch. ent. Z. (N.F.) **8:** 152–155, 2 figs.

Microlepidoptera I: Tortricidae (keys, genitalia, syn.), HANNEMANN Tierwelt Dtsch. **48:** xii + 1–234, 22 pls., 457 + [8] figs.

Notes on little known Tortricidae, RAZOWSKI Acta zool. cracov. **5:** 661–697, pls. 86–93.

Notes on Tortricid types described by D. Lucas & P. Réal, RAZOWSKI Bull. Mus. Hist. nat. (2) **32:** 528–535.

Acalla ferrugana **var. n.** *pluripunctata* Rumania p. 91 figs., PEIU & ALEXINSCHI Stud. Cercet. st. Biol. St. agric. Iasi **12.**

Acleris napaea Meyr. (= *sheljuzhkoi* Obr.) p. 672, RAZOWSKI Acta zool. cracov. **5.**—*A. crocopepla* ♀ genitalia p. 381 fig., RAZOWSKI Polsk. Pismo ent. **30** 1960.

Adoxophyes aurantiana **sp. n.** Solomon Is.; *templana* Pagt. (= *ioterma* Meyr.) p. 118; *moderatana* Wlk. (= *prosiliens* Meyr., *Parascaptia insignifica* Rothsch.) p. 119 fig., BRADLEY Bull. Brit. Mus. (Nat. Hist.) Ent. **10.**—*A. cyrtosema* Meyr. a good sp. not syn. of *fasciculana* p. 54; *tetraphracta* Meyr. (= *acropeta* Diak.); *rhopalodesma* p. 56 Waigeo I., *novohebridensis* New Hebrides p. 53 **spp. n.** figs., DIAKONOFF Ann. Soc. ent. Fr. **130.**

Anacrusina **subtrib. n.** for *Anacrusis* Zell. p. 126, DIAKONOFF Verh. XI. int. Kongr. Ent. Wien 1960 **1.**

Archips spp. of Japan (genitalia) pp. 57–64; *brevicervicus* p. 59, *fumosus* p. 60, *issikii* p. 62, *peratratus* p. 63 **spp. n.** Japan figs., YASUDA Publ. ent. Lab. Coll. Agric. Univ. Osaka no. 6.—*A.* larvae of Japan (key p. 13) pp. 9–27 figs., KODAMA Publ. ent. Lab. Coll. Agric. Univ. Osaka 1960 no. 5.—*A. seminubila* Meyr., *interjecta* Meyr. p. 382, *emitescens* Meyr. p. 383 (from *Cacoecia*), *impervia* Meyr. p. 381 ♂ genitalia figs., RAZOWSKI Polsk. Pismo ent. **30** 1960.

Argyrotaenia pulchellana Haw. (= *Olethreutes micanthana* Luc.) (Olethr.) p. 661, RAZOWSKI Acta zool. cracov. **5.**

Austrotortrix see *Epiphyas.*

Borboniella allomorpha Meyr. (= *bifracta* Diak.) p. 58; *discruciata* Meyr. from *Tortrix* p. 61, DIAKONOFF Ann. Soc. ent. Fr. **130.**

Cacoecia seminubila, *interjecta*, *emitescens* see *Archips.*

Cnephasia amseli Luc. from *Tortrix*; *chrysantheana* Dup. (= *cinareana* Chrét.) p. 663; *cupressivorana* Stgr. (= *orthoxyana confluentana* Réal, *o. reducta* Réal) p. 664; *communana* H.-S. (= *interjectana mediocris* Réal, *com. caprionica* Réal, *com. pseudoorthoyana* Réal); *com. lucia* Réal (= *com. seminigra* Réal); *alticolana* H.-S. (= *altic. juncta* Réal); *virgaureana* Treit. (= *interjectana latior* Réal) p. 665; *alternella* Steph. (= *wilkinsoni directana* Réal, *altern. interjunctana* Réal, *altern. parvana* Réal, *altern. rectilinea* Réal) p. 665; *fragosana* Zell. (= *distinctana* Luc.) p. 666; *lineata* Wals. (= *Tortrix*

terebrana Ams. & Her.) from *Doloploca* p. 667; (*Cnephasiella*) *incertana* Treit. (= *Tortrix barbarana* Wals., *Cnephasiella kurdistana* Ams.); *partitanum* genitalia p. 668; *graecana* Rbl. a good sp. not ab. of *semibrunneata*; *g.* **f. n.** *ochreana* p. 666; *clarkei* **sp. n.** p. 667 no locality figs., RAZOWSKI Acta zool. cracov. **5.**—*C.* notes on some African types described by Meyrick in Mus. Hist. Nat. Paris pp. 169–172; *incinerata* Meyr. (= *asbolodes* Meyr.) p. 169 figs., RAZOWSKI Polsk. Pismo ent. **30** 1960.—*C. tremewan* p. 107, *jozefi* **spp. n.** Algeria; *sareptana* **subsp. n.** *alatauana* Ala Tau (Asiatic Russia) p. 105 figs., RAZOWSKI op. cit. **31.**—*C. vetulana*, *freii* see *Eana*; *penziana livonica* see *Ea. filipievi* & *Ea. penziana*; *legrandi* see *Ea. dumonti*; *polia* see *Epiphyas*.

Cnephasiella kurdistana see *Cnephasia incertana*.

Decodes **gen. n.** for *Tortricodes fragariana* Bsk. (type), *Sciaphila basiplagana* Wals. p. 111; *montanus* p. 118, *johnstoni* p. 119, *aneuretus* p. 121, *bicolor* p. 122 **spp. n.** (Powell) California figs., OBRAZTSOV & POWELL J. Lep. Soc. **14.**

Deltinea **gen. n.** (nr. *Epichorista*) p. 343, *costalimai* **sp. n.** Argentina p. 345 figs., PASTRANA Rev. Invest. agric. **15.**

Doloploca lineata see *Cnephasia*.

Eana (*E.*) *freii* Wbr. from *Cnephasia* p. 272 figs., SAUTER Mitt. schweiz. ent. Ges. **33.**—*E. vetulana* Christ from *Cnephasia*; *filipievi* Réal (a good sp. not a subsp. of *canescana*) (= *C. penziana livonica* Réal part., *Nephodesme pyrenaica* Toll) p. 669; *infuscata* Réal a good sp. not a subsp. of *incanana* p. 670; *dumonti* Réal (a good sp. not a subsp. of *joannisi*) (= *C. legrandi* Réal) p. 671; *penziana* Thnb. (= *C. p. livonica* Réal part.) p. 672; *nervana*-group key p. 670 figs., RAZOWSKI Acta zool. cracov. **5.**

Endothenia nougatana from *Grapholitha* (Olethr.) p. 678 figs., RAZOWSKI t.c.

Epagoge alhamana Schm. (= *pymeana* Ams.) from *Tortrix* (*Cnephasia*) p. 662; RAZOWSKI t.c.

Epichorista hyperacria, *iodes* see *Epiphyas*.

Epiphyas Turn. (= *Austrotortrix* Bradl.) p. 177; *postvittana* Wlk. (= *Tortrix stipularis* Meyr., *Tor. oenopa* Meyr., *Tor. phaeosticha* Turn.), *dotatana* Wlk. (= *Tor. tanyptera* Meyr.) from *Teras*; *xylodes* Meyr. (= *Tor. eurystropha* Turn., *Tor. paraplesia*), *lycodes* Meyr., *hemiphoena* Turn., *lypra* Turn., *sobrina* Turn., *eucyrta* Turn. (= *Tor. leuropa* Turn.), *liadelpha* Meyr. p. 180, *fabricata* Meyr., *caryotis* Meyr., *scleropa* Meyr., *baliaptera* Turn., *erysibodes* Turn., *haematephora* Turn., *haematodes* Turn., *oresigona* Turn., *epichorda* Meyr., *plastica* Meyr., *aulacana* Meyr. (= *Tor. echinitis* Meyr.), *peloxythana* Meyr., *loxotoma* Turn., *euraphodes* Turn., *ammotypa* Turn., *eugramma* Low. p. 181, *flebilis* Turn. (= *Tor. leucocephala* Turn.), *euphara* Turn., *cerussata* Meyr. from *Tor.*; *hyperacria* Turn. p. 182, *iodes* Meyr. from *Epichorista*; *polia* Turn. (= *Bactra eurysticha* Turn.) (Olethr.) from *Cnephasia* p. 181 figs., COMMON Proc. Linn. Soc. N.S.W. **86.**

Eulia pierrelovyana see *Paraclepsis accinctana*.

Exentera habrosana see *Pseudexentera*.

Nephodesme pyrenaica see *Eana filipievi*.

Paraclepsis accinctana Chrét. (= *Eulia pierrelovyana* Dum.) p. 662, RAZOWSKI Acta zool. cracov. **5.**

Parapandemis croceocephala **sp. n.** Madagascar p. 153 figs., DIAKONOFF Dtsch. ent. Z. (N.F.) **8.**

Parascaptia insignifica see *Adoxophyes moderatana*.

Pseudexentera habrosana Heinr. from *Exentera* (adult p. 203, larva p. 207 further description) figs., POWELL Pan-Pacif. Ent. **37.**

Sciaphila basiplagana see *Decodes*.

Sparganothidini reduced to tribe (not subfam.) p. 126, DIAKONOFF Verh. XI. int. Kongr. Ent. Wien 1960 **1.**

Teras postvittana, *dotatana* see *Epiphyas*.

Tortricodes fragariana see *Decodes*.

Tortrix straminea, *alternana* see *Euxanthoides*; *amiantana* see *Prochlidonia* (Phaloniid.); *discruciata* see *Borboniella*; *stipularis*, *oenopa*, *phaeosticha* see *Epiphyas postvittana*; *tanyptera* see *Epiph. dotatana*; *xylodes* (*eurystropha*, *paraplesia*), *lycodes*, *hemiphoena*, *lypra*, *sobrina*, *eucyrta* (*leuropa*), *liadelpha*, *fabricata*, *caryotis*, *scleropa*, *baliaptera*, *erysibodes*, *haematephora*, *haematodes oresigona*, *epichorda*, *plastica*, *aulacana* (*echinitis*), *peloxythana*, *loxotoma*, *euraphodes*, *ammotypa*, *eugramma*, *flebilis* (*leucocephala*), *euphara*, *cerussata* see *Epiph.*; (*Cnephasia*) *alhamana* (*pymeana*) see *Epagoge*; *amseli* see *Cnephasia*; *terebrana* see *C. lineata*; *barbarana* see *C. incertana*.

Xeneda **gen. n.** (nr. *Xenothictis*) p. 62, *coena* **sp. n.** New Caledonia p. 64 figs., DIAKONOFF Ann. Soc. ent. Fr. **130.**

Xenothictis noctiflua **sp. n.** New Hebrides p. 66 figs., DIAKONOFF t.c.

OLETHREUTIDAE (EUCOSMIDAE).

Genera of Palaearctic Tortricidae II—Olethreutinae, pt. 4 (analytical table of genn. of Laspeyresiini pp. 67–70); III—addenda & corrigenda, pt. 1, OBRAZTSOV Tijdschr. Ent. **104:** 51–70, figs. 107–126, pp. 231–240.

Allohermenias metarctica Meyr. from *Eucosma* (♂ genitalia) p. 385 fig., RAZOWSKI Polsk. Pismo ent. **30** 1960.

Ancylis cataraspis see *Eucosma*.

Apotomis geminata p. 1, *auricristana* p. 2, *lacteifacies* p. 3 larvae, pupae; syst. position discussed (genitalia compared) p. 4 figs., MORIUTI Publ. ent. Lab. Coll. Agric. Univ. Osaka 1960 no. 5.

Argyroploce ernestiana p. 155, *pfeifferiana* p. 156 **spp. n.** Turkey (Asia); *predotoi* p. 157, *hyperboreana* p. 158 ♂ genitalia, OBRAZTSOV Mitt. münch. ent. Ges. **51.**—*Argyroploce conoterma* see *Laspeyresia*; *dependens* see *Dinogenes*; *sphaerocopa* see *Choganhia*; *capnodesma*, *hemiplaga*, *anaprobola*, *solomonensis* see *Olethreutes*; *dolosana* see *Phaneta*.

Bactra spp. revision (partial) pp. 173–186; (*B.*) *longinqua* (with **subsp. n.** *iranica* Iran p. 176) p. 174, (*B.*) *amseli* Afghanistan, (*B.*) *festa* Japan p. 177, (*Chiloides*) *grethae* Pakistan, (*Nannobactra*) *leonina* Thailand p. 185 **spp. n.**; (*B.*) *fumosana* Kenn. a f. of (*B.*) *lanceolana* p. 173; (*B.*) *graminivora* Meyr. (= *cyperana* Ams., *mediterraneana* Ag.) p. 179; (*Chiloides*) *straminea* Btlr. (= *iomolybda* Meyr.) p. 183; (*N.*) *minima* Meyr. (= *microtripta* Meyr.) p. 186 figs., DIAKONOFF Bijdr. Dierk. **29** 1959.—*B. eurysticha* see *Epiphyas polia* (Tortr.).

Choganhia **gen. n.** for *Argyroploce sphaerocopa* Meyr. (♂ genitalia) p. 387 fig., RAZOWSKI Polsk. Pismo ent. **30** 1960.

Cirrilaspeyresia **gen. n.** for *Euxanthis imbecillana* Kenn. p. 675 figs., RAZOWSKI Acta zool. cracov. **5.**

Coniostola **gen. n.** for *Eucosma stereoma* Meyr. (= *E. eriomis* Meyr. p. 74) p. 71, DIAKONOFF Ann. Soc. ent. Fr. **130.**

Diamphidia **gen. n.** for *Pammene petulantana* Kenn. p. 51 figs., OBRAZTSOV Tijdschr. Ent. **104.**

Dichrorampha (*Paralipoptycha*) *rejectana* Lah. from *Sericoris*; (*D.*) *incognitana* Kr. & Marl. (= *Hemimene alpinana* f. *zermattana* Wbr.) p. 273, SAUTER Mitt. schweiz. ent. Ges. **33.**

Dinogenes dependens Meyr. (♂ genitalia) from *Argyroploce* p. 386 fig., RAZOWSKI Polsk. Pismo ent. **30** 1960.

Eccopsis incultana Wlk. from *Polychrosis* p. 69, DIAKONOFF Ann. Soc. ent. Fr. **130.**

Epiblema luciana Chrét. from *Eucosma* p. 677 figs., RAZOWSKI Acta zool. cracov. **5.**—*E. scutana* see *Phaneta*; *conpadana*, *edrisiana* see *Pseudeucosma.*

Epinotia aridos **sp. n.** Montana p. 30 fig., FREEMAN Canad. Ent. **92** suppl. 16.

Eucosma cataraspis Meyr. (from *Ancylis*), *chionophricta* p. 386, *atelosticta* ♀ genitalia; *muliebris* ♂ genitalia p. 385 figs., RAZOWSKI Polsk. Pismo ent. **30** 1960.—*E. hilarocrossa* see *Pammene*; *meridaspis* see *Laspeyresinia*; *metarctica* see *Allohermenias*; *stereoma* (*eriomis*) see *Coniostola*; *luciana* see *Epiblema.*

Eucosmomorpha albersana Hb. valid name not *rhediella* Haw. p. 58, OBRAZTSOV Tijdschr. Ent. **104.**

Euxanthis imbecillana see *Cirrilaspeyresia.*

Grapholita pagenstecheri **sp. n.** (*isacma* compared) Guadalcanal p. 127 fig., BRADLEY Bull. Brit. Mus. (Nat. Hist.) Ent. **10.**—*G. nougatana* see *Endothenia* (Tortr.); *albitibiana* see *Olethreutes.*

Hemimene refraga ♀ genitalia p. 385 fig., RAZOWSKI Polsk. Pismo ent. **30** 1960.—*H. alpinana* f. *zermattana* see *Dichrorampha incognitana.*

Laspeyresia plumbosana **sp. n.** Guadalcanal p. 127; *turifera* Meyr., *gratulata* Meyr. reduced to subspp. of *mediana* p. 126 fig., BRADLEY Bull. Brit. Mus. (Nat. Hist.) Ent. **10.**—*L. splendana*, *fagiglandana* figured pp. 23, 25, COUTIN Bull. Soc. ent. Fr. **66.**—*L. conoterma* Meyr. (from *Argyroploce*) ♀ genitalia p. 384; *epanthista* ♂ genitalia p. 383 figs., RAZOWSKI Polsk. Pismo ent. **30** 1960.

Laspeyresinia **gen. n.** for *Eucosma meridaspis* Meyr. (♂ genitalia) p. 384 figs., RAZOWSKI t.c.

Lobesia (*L.*) *embrithes* **sp. n.** Mauritius p. 69 figs., DIAKONOFF Ann. Soc. ent. Fr. **130.**—*L. aeolopa* Meyr. (= *eustales* Brdl.) p. 112, BRADLEY Bull. Brit. Mus. (Nat. Hist.) Ent. **10.**

Olethreutes empherana **sp. n.** Guadalcanal; *albitibiana* Snell. from *Grapholitha*; *anaprobola* Brdl. p. 125, *solomonensis* Brdl. p. 124 from *Argyroploce* fig., BRADLEY t.c.—*O. capnodesma* Meyr., *hemiplaga* Meyr. (from *Argyroploce*) ♂ genitalia p. 388 figs., RAZOWSKI Polsk. Pismo ent. **30** 1960.—*O. micanthana* see *Argyrotaenia pulchellana* (Tortr.).

Osthelderiella **gen. n.** (Laspeyresiini) p. 150, *amardiana* **sp. n.** Persia p. 152 figs., OBRAZTSOV Mitt. münch. ent. Ges. **51.**

Pammene hilarocrossa Meyr. (from *Eucosma*) ♂ genitalia p. 383 figs., RAZOWSKI Polsk. Pismo ent. **30** 1960.—*P. obscurana* & *rhediella* groups revision pp. 887–899; *clanculana* p. 889, *agnotana* p. 890, *ob.* p. 892, *luedersiana*, *pulchella* p. 895, *purpureana*, *ornata* p. 897 re-description; *ob.* Steph. (= *engadinensis* M.-Rutz.) p. 893 figs., KUZNETSOV Ent. Obozr. **40.**—*P. petulantana* see *Diamphidia.*

Phaneta scutana Const. from *Epiblema*; *dolosana* Kenn. from *Argyroploce* p. 676 figs., RAZOWSKI Acta zool. cracov. **5.**

Phiaris sappadana see *Pseudophiaris.*

Polychrosis paraphragma ♀ genitalia fig., RAZOWSKI Polsk. Pismo ent. **30** 1960.—*P. incultana* see *Eccopsis.*

Pseudeucosma confidana Chrét., *edrisiana* Chrét. from *Epiblema* p. 677 figs., RAZOWSKI Acta zool. cracov. **5.**

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The larvae of Glyphipterygidae in Japan, 1 (key p. 44), KODAMA Publ. ent. Lab. Coll. Agric. Univ. Osaka no. 6: 35–45, 9 figs.

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Yponomeutidae of France, Lhomme's emended catalogue, VIETTE Entomologiste **16**: 102–106.

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Eupista list of spp. on various plants (key to larval cases of spp. on *Doryc*nium) pp. 1–186 figs., SUIRE Ann. Ecole nat. Agric. Montpellier **30** fasc. 3.

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Polish Aegeriidae, SCHNAIDER, Joz., Jan. & Z. Keys ident. Polish ins. pt. XXVII Lep. (37) no. 34 42 pp. 6 pls. 53 figs.

Bembecia pectinata early stages p. 284; ♂ genitalia (*hylaeiformis* compared) p. 285 figs., SCHWARZ & TOLMAN Acta Soc. ent. Čsl. **58.**

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Sphecia bembeciformis **f. n.** *fumosa* Holland p. 175, LEMPKE Tijdschr. Ent. **104.**

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Bedellia somnulentella Zell. (= *mnesileuca* Meyr., *ipomoeae* Brdl.) p. 160, BRADLEY Bull. Brit. Mus. (Nat. Hist.) Ent. **10.**

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Acrocercops Wllgr. (key to S. Afr. spp. p. 147) p. 146, *euryphanta* p. 159, *heterodoxa* p. 161 further description; *pavonicola* p. 148, *columellina* p. 149, *odontosema* p. 150, *trigonidota* p. 151, *ehretiae* p. 152, *combreticola* p. 153, *geyeri* p. 154, *syzygiena* p. 156, *terminalina* p. 157, *gossypii* p. 158, *ficina* p. 160, *thrypticosema* p. 162, *dolichophila* p. 163, *chrysophylli* p. 164, *ochnifolii* p. 165 **spp. n.** S. Africa figs., VÁRI S. Afr. Lep. vol. I.—*A. triceros* see *Callicercops*; *gravissima*, *carbunculata* see *Conopobathra*; *aptata* (*acmophanes*) see *Conopomorphina*; *monodecta* see *Cryptolectica*; *oxyloga* see *Diphtheroptila*; *dasmophora* see *Leucocercops*; *hormophora* see *Polydema*; *tanysphena*, *lithochrysa* see *Polysoma*; *procellaris* see *Semnocera*; *hexalocha* see *Spulerina.*

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Culicoides partial phylogenetic key to pupae of N. Amer. spp. (chaetotaxy, operculum, respiratory trumpet as distinguishing characters) pp. 741–742; sp. nr. *obsoletus* p. 730, *venustus*, *tristriatulus* p. 733, *neopulicaris*, *melleus*, *multipunctatus* p. 735, *jamesi*, *hieroglyphicus*, *footei* p. 737, *haematopotus*, *furens* p. 739, *baueri*, *stonei* p. 741 N. Amer. pupae figs., JONES Ann. ent. Soc. Amer. **54.**—*C.* spp. of Philippines (key to spp. pp. 636–640) pp. 631–675; (*Oecacta*) *damnosus* p. 642, (*O.*) *ejercitoi* p. 643, (*O.*) *infulatus* p. 644, (*O.*) *longipalpis* p. 645, (*O.*) *marginatus* p. 646, (*O.*) *mcdowelli* p. 647, (*O.*) *notatus*, (*O.*) *palawanensis* p. 648, (*O.*) *wenzeli* p. 649, (*O.*) *pampangensis* p. 650, (*O.*) *perornatus* p. 651, (*O.*) *praesignis* p. 652, (*Avaritia*) *brevipalpis* p. 654, (*A.*) *nudipalpis* p. 655, (*A.*) *radicitus* p. 657, (*Hoffmania*) *bubalus*, (*H.*) *effusus* p. 658, (*C.*) *assimilis* p. 660, (*C.*) *hirtipennis* p. 662, (*C.*) *recurvus* p. 663, (*C.*) *unicus* p. 665 **spp. n.** Philippines figs., DELFINADO Fieldiana (Zool.) **33.**—*C.* spp. from Taiwan (key pp. 12–13) pp. 11–26; (*Avaritia*) *jacobsoni* Macf. (= *kitaokai* Tok.) p. 15; (*C.*) *amamiensis* Tok. (= *kagiensis* Tok.) p. 17; (*Oecacta*) *schultzei* End. (= *housei* Caus., *alatus* Das G. & Gh.) p. 22; (*Meijerehelea* **subgen. n.** p. 23) *arakawai* Arak. (= *daleki* Sm. & Swam., *micropunctatus* Tok.) p. 24; (*A.*) *hui* p. 16, (*C.*) *liui* (also Thailand) p. 20 **spp. n.** Taiwan figs., WIRTH & HUBERT Pacif. Ins. **3.**—*C.* key to Japanese spp. p. 236; (*Oecacta*) *nibleyi* p. 237, (*O.*) *arnaudi* p. 238 **spp. n.** Japan figs., HUBERT & WIRTH Proc. ent. Soc. Wash. **63.**—*C.* spp. from Iraq pp. 450–471; *pallidipennis* Cart. (= *iraquensis* Khlf.) p. 450; *pictus* p. 455, *lailae* p. 458, *badooshensis* p. 460, *indistinctus* p. 461, *bulbostylus* p. 463, *kasimi* p. 465, *pseudopallidus* p. 466 **spp. n.** Iraq figs., KHALAF Beitr. Ent. **11.**—*C.* of Egypt (key p. 364–367) 345–350, 357–367 figs., NAGATY & MORSEY J. Arab. vet. med. Ass. **21.**—*C.* list of French & Swiss spp. with non-spotted wings (keys to ♂♂ & ♀♀ p. 686) pp. 678–685; *riouxi* p. 679, *pseudoheliophilus* p. 682 **spp. n.** France; *heliophilus* Edw. a distinct sp. not syn. of *albihalter* p. 681; *pumilus* Winn. a distinct sp. not syn. of *minutissimus* Zett. p. 683; ♂ hypopygium p. 684 figs., CALLOT & KREMER Ann. Parasit. hum. comp. **36.**—*C. sylvarum* **sp. n.** (= *truncorum* Edw. type b) (*truncorum* Edw. type a compared p. 397) Germany p. 389 figs., CALLOT & KREMER Bull. Soc. Path. exot. **54.**—*C. fascipennis*-group (French spp., key pp. 149–151) classification pp. 145–147; *subfascipennis*-group (including non-French spp.) (keys pp. 149, 150) pp. 147–152 figs., KREMER Ann. Parasit. hum. comp. **36.**—*C. langeroni* re-description p. 438 fig., KREMER Arch. Inst. Pasteur Algér. **39.**—*C. odibilis*-group, list of French spp. (keys pp. 690, 696, 697) pp. 690–698; *o.* Aus. (= *pictimargo* Tok. & Shog.) p. 690; *musilator* **sp. n.** France p. 693 figs., KREMER & CALLOT Ann. Parasit. hum. comp. **36.**—*C. picturatus* **sp. n.** France p. 701 figs., KREMER & DÉDUIT Ann. Parasit. hum. comp. **36.**—*C. madagascarensis* **sp. n.** Madagascar p. 40 figs., DE MEILLON Rev. Ent. Moçambique **4.**—*C.* (*Oecacta*) *forattini* **sp. n.** Venezuela p. 211 figs., ORTIZ Rev. bras. Ent. **10.**—*C. austeni* Cart., Ingr. & McFie a good sp. not syn. of *milnei* p. 187, MURPHY Nature **192.**—*C. multiguttata* Goetg. from *Forcipomyia* p. 370, DESSART Bull. Ann. Soc. R. Ent. Belg. **97.**—*C. mollis* p. 182, *cancrisocius* p. 184, *flumineus* p. 185 further description fig., TOKUNAGA Kontyû **29.**—*C. murphyi* p. 303, *coarctatus* p. 312 Nigeria, *gambiae* p. 308, *obscuripennis* p. 318 Gambia **spp. n.** figs., CLASTRIER & WIRTH Arch. Inst. Pasteur Algér. **39.**

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Dicrohelea blantoni **sp. n.** Panama p. 80, LANE & WIRTH Rev. bras. Ent. **10.**

Forcipomyia revision of Congo spp. (table of synonymised spp. p. 373) pp. 315–376; *nigerrima* Goetg. (= *iphias* De Meill.) p. 322; *nigricoxis* Goetg. (= *thripsiformis* Goetg., *elongata* Goetg., *lugardi* Macfie, *kibatiensis* Goetg., *elongatula* Goetg., *africana* Goetg., *atripes* Goetg.) p. 325; *indecora* Kieff. (= *congoensis* Goetg., *congolensis* Goetg. *flavipilosella* Goetg., *griseipluma* Goetg., *lulengaensis* Goetg., *superata* Goetg., *griseolella* Goetg.) p. 335; *macronyx* Goetg. (= *longiventris* Goetg., *stanleyi* Macfie) p. 340; *apicalis* Goetg. (= *trimaculata* Goetg., *rutshuruensis* Goetg.) p. 344; *flavicoxis* Goetg. (=*wittei* Goetg.) p. 349; *fuliginosa* Mg. (= *atripennis* Goetg., *auripila* Goetg., *curtimana* Goetg., *grisescens* Goetg., *vicina* Goetg.) p. 354; *ashantii* Ing. & Macfie (= *rufula* Goetg.); *biannulata* Ing. & Macfie (= *quadriguttata* Goetg., *marginella* Goetg., *bicolorata* Goetg., *nigricosta* Goetg., *quatuorguttata* Goetg., *pallidula* Goetg.) p. 357; *lepidota* Ing. & Macfie (= *variegata* Goetg., *guttatella* Goetg., *grata* Goetg. partim, *annulator* Goetg.) p. 362; *randensoides* p. 364, *theobromae* p. 367 **spp. n.** Congo; *scitula* re-description p. 320 figs., DESSART Bull. Ann. Soc. R. Ent. Belg. **97.**—*F.* (*F.*) *mcmillani* Nigeria p. 191, (*Warmkea*) *murphyi* Gambia p. 194 **spp. n.**; (*Thyridomyia*) *litoraurea* p. 196, (*T.*) *inconspicuosa* p. 198 ♂♂ figs., CLASTRIER & WIRTH Arch. Inst. Pasteur Algér. **39.**—*F.* (*Trichohelea*) *oligarthra* re-description p. 115; (*T.*) *marksae* New Guinea p. 117, (*T.*) *alocasiae* New Britain p. 120 **spp. n.** figs., TOKUNAGA Publ. ent. Lab. Coll. Agric. Univ. Osaka no. 6.—*F.* (*Pterobosca*) *adhesipes* p. 1, (*P.*) *ariel* p. 2 of New Caledonia; (*P.*) *ogatai* **sp. n.** New Caledonia p. 3 figs., TOKUNAGA Bull. Osaka Mus. nat. Hist. no. 13.—*F. lemuria* **sp. n.** S. Rhodesia p. 43 figs., DE MEILLON Rev. Ent. Moçambique **4.**—*F. cirrhosa* **sp. n.** Chad p. 50 figs., CLASTRIER, RIOUX & DESCOUS Arch. Inst. Pasteur Algér. **39.**—*F. multiguttata* see *Culicoides*; *atratula* (*atrosetosa*) see *Lasiohelea*.

Heteromyia nigra ♂ p. 41 fig., LANE Rev. bras. Biol. **21.**

Lasiohelea atratula Goetg. (= *Forcipomyia atrosetosa* Goetg.) from *F.* p. 371, DESSART Bull. Ann. Soc. R. Ent. Belg. **97.**

Leptoconops fuscipennis **sp. n.** Chad p. 93; (*Holoconops*) *kerteszi* ♂ p. 91 figs., CLASTRIER, RIOUX & DESCOUS Arch. Inst. Pasteur Algér. **39.**

Macropeza brasiliae **sp. n.** Brazil p. 37, LANE Rev. bras. Biol. **21.**

Meijerehelea **subgen. n.** (type *guttifer* de Meij.) see *Culicoides*.

Nilobezzia key to spp.; *bicellii* **sp. n.** Brazil p. 449, LANE Stud. Ent. (N.S.) **4.**—*N. tropica* **sp. n.** Gambia p. 212 figs., CLASTRIER & WIRTH Arch. Inst. Pasteur Algér. **39.**

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CHIRONOMIDAE.

Chironomidae of Australia (key to subfamm. p. 615, keys to genn. & spp.), FREEMAN Aust. J. Zool. **9:** 611–737, 28 figs.

Chironomidae of Niokolo-Koba Nat. Park, FREEMAN Mém. Inst. franç. Afr. noire no. 62: 273–274.

A collection of Chironomidae and Culicidae (Dixinae) from Madagascar, FREEMAN Mém. Inst. sci. Madag. (E) **12:** 237–255, 2 figs.

Systematics & biology of some phytophilous Chironomids, KALUGINA Autoref. biol.-pochevn. Fak. Zool. **1960:** 1–15.

Changes in Chironomid larvae during development (key to young larvae p. 39), KALUGINA Trudy vsesoyuzn. gidrobiol. Obshch. Akad. Nauk SSR **9** 1959: 85–107, 2 figs.

Ontogenetic changes in morphology of Chironomid larvae (characters of different groups), KALUGINA Verh. XI. int. Kongr. Ent. Wien 1960 **1:** 182–184.

Ablabesmyia Jhnnsen a good gen. not subgen. of *Pentaneura* p. 619; *notabilis* Skuse from *Isoplastus*; *hilli* **sp. n.** Queensland p. 620 figs., FREEMAN Aust. J. Zool. **9.**

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Austrocladius **gen. n.** for *Spaniotoma* (*Orthocladius*) *hirtinervis* Edw., (*O.*) *hamulata* Edw., (*O.*) *heterogenea* Edw., (*O.*) *obliqua* Edw,. *Chaetocladius harrisi* Freem., *Camptocladius terjugus* Skuse (type), *Orthocladius numerosus* Skuse p. 647; *trichiatus* **sp. n.** Victoria p. 649 figs., FREEMAN t.c.

Camptocladius vestitus see *Limnophyes*; *invenustulus* see *Kiefferophyes*; *macleayi* see *Smittia*; *crassipennis* see *Pseudosmittia*; *terjugus* see *Austrocladius*.

Cardiocladius australiensis **sp. n.** Tasmania p. 639 fig., FREEMAN Aust. J. Zool. **9.**

Chaetocladius angustus **sp. n.** Madagascar p. 241 fig., FREEMAN Mém. Inst. sci. Madag. (E) **12.**—*C. harrisi* see *Austrocladius*.

Chironomus flavipes Meigen, 1818, *punctipes* Wiedemann, 1817, placed on Official List of Specific Names in Zoology, Opinion 616, Bull. zool. Nom. **18.**—*C.* of Australia pp. 680–701; key to subgenn. p. 681, (s. str.) key to spp. p. 682; (s. str.) *australis* Macq. (= *applicatus* Wlk., *duplex* Wlk., *imitans* Wlk., *occidentalis* Skuse) p. 684; (s. str.) *alternans* Wlk. (= *oppositus* Wlk., *egregius* Skuse, *pervagatus* Skuse, *subdolus* Skuse, *januarius* Skuse, *imberbis* Kieff., *tenuiventris* Kieff., *arcuatus* Kieff.) p. 685; (*Kiefferulus*) *intertinctus* Skuse (= *hexhamensis* Skuse, *lativalva* Kief.) p. 689; (*Dicrotendipes*) *conjunctus* Wlk. (= *blandus* Skuse nec v.d. Wulp, *blandellus* Kieff., *bilobatus* Kieff.) p. 695; (*Cryptochironomus* key to spp. p. 698) *dycei* Austr. Cap. Terr. p. 701, (s. str.) *vitellinus* Northern Terr. p. 686, (*K.*) *martini* Victoria p. 690, (*Xenochironomus*) *australiensis* p. 696, (*Crypt.*) *angustus* p. 699, (*D.* key to spp.) *leei* p. 691, (*D.*) *wirthi* New S. Wales, (*D.*) *taylori* p. 692, (*D.*) *innisfailensis* p. 694 Queensland **spp. n.** figs., FREEMAN Aust. J. Zool. **9.**—*C.* (*Endochironomus*) *pruinosa* p. 246, (*Cryptochironomus*) *nigrofasciatus* p. 248 **spp. n.** Madagascar figs., FREEMAN Mém. Inst. sci. Madag. (E) **12.**—*C.* (*Nilodorum*) *devineyae* p. 126, (*Cryptochironomus*) *sublettei* p. 127 **spp. n.** Florida figs., BECK Florida Ent. **44.**—*C. erebeus* see *Megacentron*; *acutistilus* see *Conochironomus*; *nubifer* (*tripartitus*, *ceylanicus*), *oresitrophus* (*brevis*), *seorsus* (*orarius*), *vespertinus* see *Polypedilium*; *fluviaticus* see *Stictochironomus*; *subvittatus* see *Skusella*.

Clinotanypus crux Wied. (= *Tanypus australiensis* Kieff.) from *T.* p. 625, FREEMAN Aust. J. Zool. **9.**

Coelopynia **gen. n.** (resembles *Coelotanypus*), *pruinosa* **sp. n.** Victoria p. 626, FREEMAN t.c.

Coelotanypus wirthi **sp. n.** New S. Wales p. 625, FREEMAN t.c.

Conochironomus **gen. n.** for *Chironomus* (*Endochironomus*) *acutistilus* Freem. p. 701 fig., FREEMAN t.c.

Corynocera ambigua (*Dryadotanytarsus edentulus*, *duffi* compared) larva pp. 106–110 figs., HIRVENOJA Ann. ent. fenn. **27.**

Corynoneura australiensis **sp. n.** Aust. Cap. Territory p. 673 figs., FREEMAN Aust. J. Zool. **9.**

Cricotopus annuliventris Skuse from *Orthocladius* p. 646 fig., FREEMAN t.c.

Cryptochironomus serpancus **sp. n.** Europ. Russia p. 780 figs., KIRPICHENKO Zool. Zhurn. **40.**

Diamesa mohelnicensis **sp. n.** (larva) (*parva* larval distinguishing characters p. 55) Silesia p. 53 figs., HRABĚ Publ. Fac. Sci. Univ. Masaryk 1956 no. 372.

Diplocladius (*Stictocladius*) *multiserialis* Tasmania p. 641, (*S.*) *victoriensis* Victoria, (*S.*) *uniserialis* Tasmania p. 643 **spp. n.** figs., FREEMAN Aust. J. Zool. **9.**

Endochironomus albipennis, *tendens* distinguishing characters p. 5, KALUGINA Avtoref. biol.-pochevn. Fak. Zool. **1960.**—*E.* Kieff. p. 904, *albipennis* p. 909, *tendens* p. 912, *impar* p. 916 all stages, synonymy (characters p. 917) figs., KALUGINA Ent. Obozr. **40.**

Eukiefferiella insolida Skuse from *Orthocladius* p. 644 fig., FREEMAN Aust. J. Zool. **9.**

Glyptotendipes glaucus, gripekoveni distinguishing characters p. 4, KALUGINA Avtoref. biol.-pochevn. Fak. Zool. **1960.**

Gymnometriocnemus nitidulus Skuse from *Metriocnemus*; *wilsoni* Victoria p. 661, *pectinatus* New S. Wales p. 662 **spp. n.** figs., FREEMAN Aust. J. Zool. **9.**

Harrisius montanus Skuse (= *Tanytarsus cereolus* Skuse) from *T.* p. 704 fig., FREEMAN t.c.

Heptagyia tasmaniae Tasmania p. 635, *tonnoiri* New S. Wales p. 636 **spp. n.** figs., FREEMAN t.c.

Imparipecten **gen. n.** (resembles *Chironomus*), *pictipes* **sp. n.** Tasmania p. 703 figs., FREEMAN t.c.

Isoplastus formulosus see *Pentaneura*; *notabilis* see *Ablabesmyia.*

Kiefferophyes **gen. n.** for *Camptocladius invenustulus* Skuse (type) p. 663; *lobifer* Victoria p. 664, *leei* New S. Wales p. 665 **spp. n.** figs., FREEMAN Aust. J. Zool. **9.**

Limnophyes pullulus Skuse from *Orthocladius* p. 655; *vestitus* Skuse from *Camptocladius*; *albibasis* **sp. n.** New S. Wales p. 656 figs., FREEMAN t.c.

Lundstroemia parthenogenetica **sp. n.** W. Australia p. 721, FREEMAN t.c.

Megacentron **gen. n.** for *Chironomus erebeus* Skuse p. 676 fig., FREEMAN t.c.

Metriocnemus hornsbyensis **sp. n.** New S. Wales p. 657 fig., FREEMAN t.c.—*M. cuneipennis* **sp. n.** Madagascar p. 239 fig., FREEMAN Mém. Inst. sci. Madag. (E) **12.**—*M. nitidulus* see *Gymnometriocnemus*; *ornaticollis* see *Parametriocnemus.*

Microtendipes bicoloripennis **sp. n.** Madagascar p. 253, FREEMAN Mém. Inst. sci. Madag. (E) **12.**

Nasuticladius **gen. n.** (resembles *Stictocladius*), *tonnoiri* (type) p. 650, *niger, ater* Tasmania, *wirthi* p. 651 New S. Wales, *wilsoni* Victoria p. 654 **spp. n.** (key p. 650) figs., FREEMAN Aust. J. Zool. **9.**

Orthocladius harrisoni (also Transvaal) p. 242, *stuckenbergi* p. 243 **spp. n.** Madagascar fig., FREEMAN Mém. Inst. sci. Madag. (E) **12.**—*O. insolida* see *Eukiefferiella*; *annuliventris* see *Cricotopus*; *numerosus* see *Austrocladius*; *pullulus* see *Limnophyes*; *venustulus* see *Polypedilum.*

Orthosmittia reyei **sp. n.** Queensland p. 671 figs., FREEMAN Aust. J. Zool. **9.**

Paraborniella **gen. n.** (nr. *Paratendipes*) p. 717, *tonnoiri* **sp. n.** Aust. Cap. Territory p. 718 fig., FREEMAN t.c.

Parametriocnemus ornaticornis Kieff. from *Metriocnemus* p. 660 figs., FREEMAN t.c.

Parvitergum **gen. n.** (resembles *Stictochironomus*) p. 716, *fuscipenne* **sp. n.** Victoria p. 717 fig., FREEMAN t.c.

Pentaneura key to Australian spp.; *parva* p. 617, *punctipennis* Australia p. 618 **spp. n.**; *formulosa* Skuse from *Isoplastus* p. 619 figs., FREEMAN t.c.

Phaenopsectra Kieffer, 1921, placed on Official List of Generic Names in Zoology, Opinion 616, Bull. zool. Nom. **18.**

Podonomus steineni of Antarctic reg. p. 6 figs., TORRES Contr. Inst. antart. argent. 1959 no. 6.—*P.* key to Australian spp. p. 630; *tasmaniae* Tasmania, *wirthi* New S. Wales **spp. n.** p. 632 figs., FREEMAN Aust. J. Zool. **9.**

Polypedilum key to Australian spp.; (*P.*) *nubifer* Skuse (= *pelostolum* Kieff., *pharao* Kieff., *pruinosum* Goetgh., *Chironomus tripartitus* Kieff., *C. ceylanicus* Kieff. p. 707), (*P.*) *oresitrophus* Skuse (= *C. brevis* Skuse p. 710), (*P.*) *seorsus* Skuse (= *C. orarius* Skuse p. 712), (*P.*) *vespertinus* Skuse (= *Orthocladius venustulus* Skuse p. 713) from *Chironomus*; (*P.*) *watsoni* W. Australia, (*P.*) *tonnoiri* Tasmania p. 710, (*P.*) *wirthi* p. 712, (*P.*) *prasiogaster*, (*P.*) *leei* p. 713 New S. Wales **spp. n.** figs., FREEMAN t.c.—*P.* (*P.*) *stuckenbergi* p. 250, (*P.*) *bicoloratus*, (*P.*) *pallidiventris* p. 251 **spp. n.** Madagascar fig., FREEMAN Mém. Inst. sci. Madag. (E) **12.**

Procladius paludicola Skuse (= *pictipennis* Skuse, *pentastictus* Kieff.) p. 628; *squamifer* **sp. n.** New S. Wales p. 629, FREEMAN Aust. J. Zool. **9.**

Pseudodiamesa branickii, nivosa larvae distinguishing characters p. 58 figs., HRABĚ Publ. Fac. Sci. Univ. Masaryk 1956 no. 372.

Pseudosmittia crassipennis Skuse from *Camptocladius*; *latifurca* **sp. n.** New S. Wales p. 670 figs., FREEMAN Aust. J. Zool. **9.**

Rhinocladius tonnoiri **sp. n.** Tasmania p. 662 fig., FREEMAN t.c.

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DOLICHOPODIDAE.

Genitalia of Centr. European Dolichopodidae, significance in systematics (descriptions, illustrations, phylogeny), BUCHMANN Zoologica **39** Heft 110: 1–51, 13 pls.

Dolichopodidae from the Ariège region of the Pyrenees (annotated lists of spp. pp. 104, 105), MIROUSE 1958 Bull. Soc. Hist. nat. Toulouse **93:** 101–106, 1 fig.

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Dorilaidae & Bibionidae from Congo (descriptions & keys), HARDY Explor. Parc nat. Garamba Miss. de Saeger fasc. 24: 111–180, 27 figs.

Alloneura Rondani, 1856, rejected, Opinion 597, Bull. zool. Nom. **18.**

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Dorilas revised key to Congo & Ruanda-Urundi spp. pp. 116–123; (*D.*) *hemistilbus* p. 128, (*D.*) *saegeri* p. 130, (*Eudorylas*) *apiculatus* p. 133, (*E.*) *definitus* p. 134, (*E.*) *garambensis* p. 138, (*E.*) *megacanthus* p. 142, (*E.*) *quasidorsalis* p. 145 **spp. n.** Congo; (*D.*) *visendus* p. 132, (*E.*) *ghesquierei* p. 140 ♂ genitalia; (*E.*) *rubrus* ♀ p. 147; (*E.*) *sinuosus* Hardy (= (*E.*) *bredoi* Hardy) p. 148 figs., HARDY Explor. Parc nat. Garamba Miss. de Saeger fasc. 24.

Prothechus Rondani, 1856, rejected, Opinion 597, Bull. zool. Nom. **18.**

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Agathomyia colei p. 195, *aquilonia* p. 199, *sylvania* p. 204, *nemophila* p. 207, *lucifuga* p. 209, *arossi* p. 213, *macneilli* p. 222, *leechi* p. 225 California, *decolor* Pennsylvania p. 202, *stonei* p. 215, *alaskensis* p. 217, *laffooni* p. 220 Alaska **spp. n.**, KESSEL Wasm. J. Biol. **19.**

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Chilosia spp. of Poland figured pp. 186–196, BAŃKOWSKA Fragm. faun. **9.**

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Epistrophe bifasciata **var. n.** *nigra* Rumania p. 324, ŞUSTER & ZILBERMAN Stud. Cercet. st. Biol. St. agric. Iasi **9** 1958.

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Syrphus grisescens **sp. n.** Rumania p. 325, ŞUSTER & ZILBERMAN t.c.—*S. compositarum* p. 178, *punctulatus* p. 180 ♀ genitalia figured, BAŃKOWSKA Fragm. faun. **9.**

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Heteroconops antennatus ♀ p. 73; *curticornis* ♂ p. 74, CAMRAS Proc. U.S. nat. Mus. **113.**

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Acronarista adunata **sp. n.** Mexico p. 206, REINHARD J. Kansas ent. Soc. **34.**

Alloprosopaea efflatouni **subsp. n.** *algerica* Algeria p. 657, MESNIL in LINDNER Flieg. palaearkt. Reg. **64g.**

Androeuryops **gen. n.** for *Hyalomyia ecitonis* Towns. p. 44 figs., BENEWAY J. Kansas ent. Soc. **34.**

Anurophyllina **subgen. n.** see *Urophyllina.*

Archynemochaeta see *Archytas.*

Archytas Jnncke. (= *Itarchytas* Blanch., *Archynemochaeta* Blanch., *Proarchytoides* Blanch., *Archytodejeania* Blanch.) p. 361; *incertus* p. 163, *marmoratus* p. 168, *scutellatus* p. 170, *chilensis* p. 175, *apicifer* p. 362, *californiae* p. 364, *nivalis* p. 365, *basifulvus* p. 368, *incasanus* p. 370, *cirphis* p. 372, *vernalis* p. 379, *vexor* p. 381, *peruanus* p. 392 further description; *giacomelli* Blanch. from *Proarchytoides* p. 367; *pseudodaemon* p. 384 from *Itarchytas*; *travassosi* p. 173, *zikani* p. 375, *seabrai* p. 376, *duckei* p. 378, *lopesi* p. 383, *lanei* p. 386, *lenkoi* p. 387, *carrerai* p. 389, *biezankoi* p. 390 **spp. n.** Brazil figs., GUIMARÃES Mem. Inst. Osw. Cruz **59.**

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Billaea subrotundata ♂ genitalia p. 74 figs., LEHRER Stud. Cercet. st. Biol. St. agric. Iasi **8** 1957.

Biomeigenia **gen. n.** (nr. *Viviania*), *gynandromima* p. 697, *magna* (type) p. 699 **spp. n.** Ussuri (Russia), MESNIL in LINDNER Flieg. palaearkt. Reg. **64g.**

Calodexia spp. taxonomy (diagnostic characters pp. 1033–1035, key pp. 1037–1039) pp. 1029–1059; *continua* p. 1044, *dives* p. 1045, *fasciata* p. 1046, *fumosa* p. 1047, *interrupta* p. 1048, *major* p. 1049, *panamensis* p. 1051, *varia* p. 1056, *bequaerti* further description; *bella* ♀ p. 1042; *similis* ♂ p. 1053; *venteris* ♂ p. 1057 figs., RETTENMEYER Univ. Kansas Sci. Bull. **42.**

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Eugaediopsis rubentis p. 209, *vinnula* p. 210 **spp. n.** Arizona, REINHARD J. Kansas ent. Soc. **34.**

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Helomyia lateralis ♂ genitalia p. 279 fig., LEHRER op. cit. **12.**

Hemipeletieria **gen. n.** for *Peletieria pallida* Zim. (type) p. 246; *propinqua* p. 250, *semiglabra* p. 251 E. Asiat. Russia, *chaoi* China p. 253 **spp. n.**; key pp. 232 figs., ZIMIN Trudy vsesoyuzn. ent. Obshch. **48.**

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Hyperecteina key to Palaearctic spp. p. 685; *barbara* **sp. n.** Algeria p. 687, MESNIL in LINDNER Flieg. palaearkt. Reg. **64g.**

Ignotomyia **gen. n.** for *Masiphya confusa* Aldr. (type) p. 210; *cunina* **sp. n.** Arizona p. 211, REINHARD J. Kansas ent. Soc. **34.**

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Linnaemyia comta ♂ genitalia p. 271 fig., LEHRER Stud. Cercet. st. Biol. St. agric. Iasi **12.**

Lispideosoma triste **sp. n.** Mexico p. 208, REINHARD J. Kansas ent. Soc. **34.**

Meigenia key to Palaearctic spp.; *tridentata* Manchuria p. 703, *picta* Java p. 704 **spp. n.** (in key), MESNIL in LINDNER Flieg. palaearkt. Reg. **64g.**

Microphthalma disjuncta ♂ genitalia p. 275 fig., LEHRER Stud. Cercet. st. Biol. St. agric. Iasi **12.**

Mintho rufiventris ♂ genitalia p. 73 figs., LEHRER op. cit. **8** 1957.—*M. rufiventris* larval mouth-parts figured p. 273, LEHRER op. cit. **12.**

Myiobia fuscana ♂ genitalia p. 273 fig., LEHRER t.c.

Myiocera carinifrons ♂ genitalia p. 276 fig., LEHRER t.c.

Ocyptera intermedia ♂ genitalia p. 280 fig., LEHRER t.c.

Panzeria rudis ♂ genitalia p. 270 fig., LEHRER t.c.

Peletieria nigricornis ♂ genitalia p. 70 figs., LEHRER op. cit. **8** 1957.—*P.* spp. of Palaearctic reg. (key pp. 235–246) pp. 258–316; *ruficeps* **subsp. n.** *capitata* Turkmenia p. 265; *curtiunguis* Caucasus, Persia p. 271, *adentata* p. 270, *acutiforceps* (also Kirghizia) p. 274, *umbratica* p. 277, *micans* p. 282, *nigrita* p. 300 Tadzhikistan, *nigrifacies* Pamirs p. 287, *nyx* Irkutsk reg. p. 291, *triseta* China p. 298, *adelphe* E. Asiatic Russia p. 303 **spp. n.** figs., ZIMIN Trudy vsesoyuzn. ent. Obshch. **48.**—*P. pallida* see *Hemipeletieria.*

Perrissinoides **gen. n.** (rel. to *Perrissina*) p. 242, *cerambycivorae* **sp. n.** New Zealand p. 244 figs., DUGDALE Trans. roy. Soc. N.Z. (Zool.) **1.**

Pexopsis capitata (reared from *Holotrichia diomphalia* (Col., Melol.)) all stages p. 591 figs., BORISOVA Ent. Obozr. **40.**

Podotachina sorbillans ♂ genitalia p. 274 fig., LEHRER Stud. Cercet. st. Biol. St. agric. Iasi **12.**

Proarchytoides see *Archytas*; *giacomelli* see *A.*

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Thelaira nigripes ♂ genitalia p. 73 figs., LEHRER Stud. Cercet. st. Biol. St. agric. Iasi **8** 1957.

Thematheca **gen. n.** (allied to *Viviania*) p. 207, *medeola* **sp. n.** Mexico p. 208, REINHARD J. Kansas ent. Soc. **34.**

Trichoparia key to Palaearctic spp. p. 673; (*Admontia*) *cepelaki* **sp. n.** Maritime Alps, Pyrenees, Mongolia p. 675, MESNIL in LINDNER Flieg. palaearkt. Reg. **64g.**

Uramya hariola **sp. n.** Colombia p. 206, REINHARD J. Kansas ent. Soc. **34.**

Urophyllina key to Palaearctic spp.; (*Anurophyllina* **subgen. n.**); *malaisei* p. 693, *latifrons* p. 694 **spp. n.** (in key) Burma, MESNIL in LINDNER Flieg. palaearkt. Reg. **64g.**

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Voria ruralis ♂ genitalia p. 72 figs., LEHRER Stud. Cercet. st. Biol. St. agric. Iasi **8** 1957.—*V. ruralis* larva p. 32 figs., THOMPSON Trans. Amer. ent. Soc. **87.**

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Revision of Palaearctic Rhinophorinae (key to genn. pp. 4–5), HERTING in LINDNER Flieg. palaearct. Reg. **64e:** 1–36.

Miltogramminae from Albert National Park (list of Ethiopian spp. p. 5, key to Ethiopian genn. p. 7, keys to spp.), ZUMPT Explor. Parc nat. Albert Miss. de Witte 1933–1935 fasc. 98: 3–137, 50 figs.

Anoplisa **subgen. n.** (type *oldenbergi* sp. n.) see *Hoplisa.*

Anthracomyia nigerrima **sp. n.** Japan p. 9, HERTING in LINDNER Flieg. palaearkt. Reg. **64e.**

Apodacra stevensoni **sp. n.** Congo p. 119; *dispar*, *natalensis* distinguishing characters p. 117 fig., ZUMPT Explor. Parc nat. Albert Miss. de Witte 1933–1935 fasc. 98.

Araba R.-D. (= *Eumetopiops* Towns.); *natalensis* **sp. n.** Congo p. 82 fig., ZUMPT t.c.

Calliphora vicina, *vomitoria*, *uralensis* distinguishing characters (♂ genitalia) p. 74 figs., LEHRER Stud. Cercet. st. Biol. St. agric. Iasi **11** 1960.

Chaetostevenia key to Palaearctic spp. p. 29; *kugleri* **sp. n.** Palestina p. 31, HERTING in LINDNER Flieg. palaearkt. Reg. **64e.**

Craticulina fimbriata Bezzi (= *tabaniformis* Cuthb.) p. 86; *transvaalensis* **sp. n.** Congo p. 91 figs., ZUMPT Explor. Parc nat. Albert Miss. de Witte 1933–1935 fasc. 98.

Curranitopia **gen. n.** for *Hoplacephala irvingi* Curr. (type), *stannusi* Curr. p. 25 fig., ZUMPT t.c.

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Euphumosia review (key to spp. p. 2) pp. 1–13; *obscura* **sp. n.** Papua p. 7; *eristaloides* Wlk. a distinct sp. not syn. of *papua* Guér. p. 6; *p.* identifications corrected p. 3 figs., PARAMONOV Nova Guinea (N.S.) **10** (Zool.) 1960.—*E.* key to spp. (Moluccas & New Guinea); *spiraculata* p. 221, *metallica* p. 222, *elegans* p. 223, *lieftincki*, *abbreviata* p. 224, *similis* p. 225 **spp. n.** New Guinea, PARAMONOV t.c.

Hemigymnochaeta lindneri **sp. n.** Tanganyika p. 1 figs., ZUMPT Stuttgart. Beitr. Naturk. no. 59.

Hemipyrellia expecta **sp. n.** New Guinea p. 226, PARAMONOV Nova Guinea (N.S.) (Zool.) **10.**

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Hoplacephala irvingi, *stannusi* see *Curranitopia.*

Hoplatainia **gen. n.** (allied to *Hoplocephalopsis*), *pilosa* **sp. n.** Congo p. 32 fig., ZUMPT Explor. Parc nat. Albert Miss. de Witte 1933–1935 fasc. 98.

Hoplisa (*Anoplisa* **subgen. n.** p. 10) *oldenbergi* **sp. n.** Rumania p. 11, HERTING in LINDNER Flieg. palaearkt. Reg. **64e.**

Hoplocephalopsis schistacea Villen. (= *testacea* Villen.) p. 20 figs., ZUMPT Explor. Parc nat. Albert Miss. de Witte 1933–1935 fasc. 98.

Kuschelomyia **gen. n.** (rel. to *Callyntropyga*) p. 455, *ambrosiana* **sp. n.** Chile p. 456 figs., DE SOUZA LOPES Rev. bras. Biol. **21.**

Lucilia richardsi ♂ genitalia figured p. 76, LEHRER Stud. Cercet. st. Biol. St. agric. Iasi **11** 1960.

Noditermitomyia currani **sp. n.** Congo; *arabops* distinguishing characters p. 56 fig., ZUMPT Explor. Parc nat. Albert Miss. de Witte 1933–35 fasc. 98.

Paraphylloteles degener **sp. n.** Congo p. 60; *hessei* distinguishing characters p. 59 figs., ZUMPT t.c.

Phaenicia key to Brazilian spp.; *sericata* p. 261, *pallescens* p. 265, *mexicana* p. 268, *eximia* p. 270 re-description; *japuhybensis* **sp. n.** Brazil p. 274 figs., DE MELLO Mem. Inst. Osw. Cruz **59.**

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Polienia vera, vespillo, rudis, varia, atramentaria distinguishing characters (genitalia) pp. 34–36 figs., GREGOR & POVOLNÝ Zool. Listý **10.**—*P. vera* ♂ genitalia figured p. 75, LEHRER Stud. Cercet. st. Biol. St. agric. Iasi **11** 1960.

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Senotainia spp. of Africa (key to ♂♂ p. 37) pp. 34–55; *smithersi* p. 44, *transvaalensis* p. 45, *dubiosa* p. 46, *ravilla* p. 48, *wilkini* p. 51, *patersoni* p. 54 **spp. n.** Congo; *grisea* p. 42, *pretoria* p. 50 re-description figs., ZUMPT t.c.

Senotainiella pelopei Rond. (= *decolor* Zumpt) p. 62 figs., ZUMPT t.c.

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New systematic & morphological data on the Sarcophagidae of Rumania (♂ genitalia), LEHRER 1957 Stud. Cercet. st. Biol. St. agric. Iasi **8:** 233–244, 5 pls.

Sarcophagidae & Stratiomyidae of Rumania, LEHRER 1958 Stud. Cercet. st. Biol. St. agric. Iasi **9:** 85–96, 1 pl., 2 figs.

Sarcophaginae new to Rumania (with chaetotaxy & ♂ genitalia as taxonomic characters), LEHRER 1959 Stud. Cercet. st. Biol. St. agric. Iasi **10:** 251–260.

Hawaiian Sarcophagidae (key to spp. p. 419), DE SOUZA LOPES Proc. Hawaii. ent. Soc. **17:** 419–427, 1 pl.

Agria affinis ♀ genital segments figured p. 783, DODGE Canad. Ent. **93.**

Bellieria (*Villeneuvea*) *crassimargo* of Rumania p. 90 fig., LEHRER Stud. Cercet. st. Biol. St. agric. Iasi **9** 1958. —*B. agnata* of Rumania p. 528 figs., LEHRER Fragm. faun. **8.**

Blaesoxipha lineata ♂ p. 530; *erythrura* ♂ genitalia figured p. 531 figs., LEHRER t.c.

Boettcherisca formosensis **sp. n.** Formosa p. 65 figs., KIRNER & DE SOUZA LOPES Mem. Inst. Osw. Cruz **59.**— *B.* spp. (key p. 70) pp. 69–82; *javanica* Java, *nathani* India p. 79 **spp. n.**; *peregrina* further description p. 71 figs., DE SOUZA LOPES t.c.

Chaetoravinia anandra ♀ genitalia p. 422 figs., DE SOUZA LOPES Proc. Hawaii. ent. Soc. **17.**

Helicobosca revision of Rumanian spp. pp. 283–287; *palpalis* R.-D. (= *muscaria* var. *longinervis* Suster p. 287); *p.* p. 285, *m.* p. 286 further description figs., LEHRER Stud. Cercet. st. Biol. St. agric. Iasi **9** 1958.

Lepidodexia cingulata **sp. n.** Colombia p. 254; *apolinari* chaetotaxy an invalid distinguishing character (see Lopes' 1951 key) p. 253 figs., DE SOUZA LOPES Rev. bras. Biol. **21.**

Metopia lucipeda **sp. n.** California p. 213, REINHARD J. Kansas ent. Soc. **34.**—*M. benoiti* **sp. n.** Congo p. 68; *deficiens, brincki* distinguishing characters p. 66 figs., ZUMPT Explor. Parc nat. Albert Miss. de Witte 1933–1935 fasc. 98.

Metopodiella **gen. n.** (nr. *Metopia*) p. 70, *eos* (type) p. 71, *rhodesiense* p. 73 **spp. n.** Congo figs., ZUMPT t.c.

Parasarcophaga jacobsoni Rohd. (= *sachtlebeni* Lehr.) p. 229 figs., POVOLNÝ Beitr. Ent. **11.**

Phrosinella talpina **sp. n.** California p. 212, REINHARD J. Kansas ent. Soc. **34.**

Ravinia striata ♂ genitalia figured p. 534, LEHRER Fragm. faun. **8.**

Sarcophaga nodosoides p. 2, *montivaga* p. 3 **spp. n.** S. Africa figs., ZUMPT Stuttgart. Beitr. Naturk. no. 59.— *S. carnaria—subvicina* complex pp. 25–34 figs., GREGOR & POVOLNÝ Zool. Listý **10.**—*S. hinei* p. 781, *aldrichi, houghi* p. 783 ♀ genital segments figured, DODGE Canad. Ent. **93.**

Setulia dichotomic key to ♂♂ & ♀♀ p. 22; *eleonorae* **sp. n.** (*grisea* distinguishing characters) Italy p. 15 figs., VENTURI Mem. Mus. Stor. nat. Verona **6** 1957–1958 [1959].

Thyrsocnema (*T.*) *incisilobata* of Rumania p. 91 figs., LEHRER Stud. Cercet. st. Biol. St. agric. Iasi **9** 1958.

MUSCIDAE (*s. l.*).

Revision of Palaearctic Muscidae, HENNIG in LINDNER Flieg. palaearkt. Reg. **63b:** 481–528, figs. 185–212, pls. 23–26, 529–576, figs. 213–218, pls. 27–30.

Notes on some Muscidae types described by Rondani, HENNIG Beitr. Ent. **11:** 225–229.

Allognota connectens **sp. n.** Siberia p. 512 figs., HENNIG in LINDNER Flieg. palaearkt. Reg. **63b.**

Aspilia rupestris see *Hera variabilis*; *alpestris* see *Phaonia basalis*; *pubicheta* see *Thricops aculeipes.*

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Euryomma peregrinum Mg. (= *Homalomyia observanda* Rond.) p. 226, HENNIG Beitr. Ent. **11.**

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Limnophora albifrons see *Helina protuberans*.

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Morellia Ethiopian spp. (key p. 350, list p. 357) pp. 349–355; spp. from Gulf of Guinea pp. 358–359; *africana* **sp. n.** Cameroons p. 355; *calyptrata* (*prolectata*, *bispinosa* compared) p. 353; *curvitibia* (*p.* compared); *spinuligera* further description p. 354 figs., PERIS Eos **37.**

Ophyra chalcogaster, *nigra* distinguishing characters p. 110 figs., PARAMONOV Ann. Mag. nat. Hist. (13) **3.**

Phaonia basalis Zett. (= *Aspilia alpestris* Rond.) p. 228, HENNIG Beitr. Ent. **11.**—*P. trimaculata* mature larva p. 245 figs., CIAMPOLINI Redia (2) **45** 1960.

Pygophora review of Australian spp. (key p. 505) pp. 505–512; *argentea* p. 506, *commoni* p. 507, *abnorma*, *norrisi* p. 508, *majalis* p. 509, *howeana* p. 510 **spp. n.** Australia; *caledonica* Big. ♂ (from *Coenosia*) p. 511, PARAMONOV Ann. Mag. nat. Hist. (13) **3.**

Spilogaster indistincta see *Helina impuncta*; *venosa* see *H. laetifica*.

Thricops aculeipes Zett. (= *Aspilia pubicheta* Rond.) p. 228, HENNIG Beitr. Ent. **11.**

Yetodesia ruficrura, *nigripalpis* see *Helina*.

Pupipara.

HIPPOBOSCIDAE.

Lipoptena cervi of Rumania (♂ genitalia, puparium) p. 69 figs., LEHRER Stud. Cercet. st. Biol. St. agric. Iasi **11** 1960.

Muscoidea Acalyptrata.

PHYCODROMIDAE (COELOPIDAE).

Coleopa frigida, *pilipes* posterior spiracle plate as further distinguishing character (addition to Egglishaw's key) pp. 178–180 figs., BURNET Ent. mon. Mag. **96.**—*C. pilipes*, *frigida*-complex allometry pp. 152–157 figs., REMMERT Mitt. zool. Mus. Berlin **37.**

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Czeryola basalis **subsp. n.** *brasiliensis* Brazil p. 399; *b. basalis*, *bas. bras.* ♀♀ distinguishing characters p. 401, Soós Folia ent. hung. (N.S.) **14.**

SCIOMYZIDAE (DRYOMYZIDAE, NEOTTIOPHILIDAE, HELCOMYZIDAE, CHIROMYIIDAE).

Sciomyzidae of Idaho & adjoining areas (key to genn. p. 152, keys to spp. pp. 153–159), FOOTE Amer. Midl. Nat. **65:** 144–167, 20 figs.

A list of Estonian Sciomyzidae, REMM 1959 Faunist. Märkm. **1:** 63–68.

A revision of Sciomyzidae in Morav. Mus. (list, distribution), ROZKOŠNÝ Acta Mus. Morav. (Sci. nat.) **46:** 159–170, 9 figs.

The North American Sciomyzidae related to *Pherbellia fuscipes* (Sciomyzinae: key to genn. p. 405), STEYSKAL Pap. Mich. Acad. Sci. **46:** 405–415, 4 figs.

Sciomyzidae from Upemba National Park, VERBEKE Explor. Parc nat. Upemba Miss. de Witte 1946–1949 fasc. 61: 3–37, 25 figs.

Antichaeta key to spp. p. 163; *borealis* **sp. n.** Idaho p. 161 figs., FOOTE Proc. ent. Soc. Wash. **63.**

Aphaniosoma Beck. key to allied genn.; *frontata* California p. 89, *aldrichi* Texas p. 90 **spp. n.,** WHEELER Southw. Nat. **6.**

Ethiolimnia brincki **sp. n.** Congo p. 6 figs., VERBEKE Explor. Parc nat. Upemba Miss. de Witte 1946–1949 fasc. 61.

Pherbellia fuscipes & allied spp. of N. America (key p. 406) pp. 407–415; *fusca* Crssn. from *Melina*; *footei* p. 409, *idahoensis* Idaho, *oregona* Oregon p. 411, *quadrata* p. 413, *seticoxa* p. 414 Michigan **spp. n.** figs., STEYSKAL Pap. Mich. Acad. Sci. **46.**

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Sepedon (key to subgenn. & spp.-groups p. 9, to *trichrooscelis*-group p. 25) pp. 9–32; (*Parasepedon*) *madecassa* p. 14, (*P.*) *selenopa* p. 17, (*P.*) *iris* p. 19, (*P.*) *monacha* p. 20, (*P.*) *stuckenbergi* p. 22 **spp. n.** Congo figs., VERBEKE Explor. Parc nat. Upemba Miss. de Witte 1946–1949 fasc. 61.

LAUXANIIDAE.

Turriger flavoscutellatus **var. n.** *nigrofemoratus* Formosa p. 75, HENDEL Verh. zool.-bot. Ges. Wien **70** 1920. [*Cf.* Z.R. **60** 1923 No. **995.**]

LONCHAEIDAE.

Lonchaeidae Becker plea for addition to Official List of Family-Group Names in Zoology pp. 189–194, CHINA Bull. zool. Nom. **18.**

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Dasiops Rondani, 1856, and type *latifrons* Meigen, 1826, plea for addition to Official Lists pp. 189–194, CHINA Bull. zool. Nom. **18.**—*D. alveofrons* **sp. n.** California p. 539 figs., MCALPINE Canad. Ent. **93.**

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Lonchaea Fallén, 1820, and type *chorea* Fabricius, 1781, plea for addition to Official Lists pp. 189–194, CHINA Bull. zool. Nom. **18.**

Lonchea Rondani, 1856, and *dasiops* Rondani, 1856, plea for suppression pp. 189–194, CHINA Bull. zool. Nom. **18.**

CHAMAEMYIIDAE (OCHTHIPHILIDAE).

Relationships in fam. Chamaemyiidae (genitalia, comparative external morphol. of imagos, larval stages), TANASIJCHUK Ent. Obozr. **40:** 429–442, 11 figs.

Leucopis spp. of northern Caucasus (key to spp. based on ♂♂ genitalia p. 873) pp. 872–889; *caucasica* p. 877, *pseudomelanopus* p. 880, *pallidolineata* p. 882, *auraria* p. 884, *monticola* p. 886 **spp. n.** Caucasus figs., TANASIJTSCHUK Beitr. Ent. **11.**

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Notes on some North American Tephritidae, FOOTE 1960 Proc. biol. Soc. Wash. **73:** 107–117, 4 figs.

Some Trypetidae from Bolivia, HERING Opusc. zool. no. 57: 1–7, 2 figs.

Aciurina key to spp. (Bates) p. 76; *trilitura* **sp. n.** California p. 75 fig., BLANC & FOOTE Pan-Pacif. Ent. **37.**

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Callantra munroi **sp. n.** India p. 538 figs., ZAKA-UR-RAB J. Bombay nat. Hist. Soc. **58.**

Craspedoxantha indica **sp. n.** (*octopunctata* compared) India p. 684, ZAKA-UR-RAB op. cit. **57.**

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Epochrella **subgen. n.** (type *rivellioides* sp. n.) see *Epochrinopsis.*

Epochrinopsis (*Epochrella* **subgen. n.**) *rivellioides* **sp. n.** Bolivia p. 2 fig., HERING Opusc. zool. no. 57.

Eurosta Loew (= *Eurostina* Curr.), *latifrons* Loew (= *Eurostina confusa* Curr.) p. 28, FOOTE Proc. ent. Soc. Wash. **63.**—*E. pallida* see *Cryptotreta.*

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Eutreta aurantiaca see *Xenochaeta.*

Gymnocarena bicolor **sp. n.** Arizona p. 112; *diffusa*, *tricolor* distinguishing characters p. 113 fig., FOOTE Proc. biol. Soc. Wash. **73** 1960.

Megarrhagoletis magniterebra **sp. n.** Centr. Asia p. 197 figs., RODENDORF Ent. Obozr. **40.**—*M. magniterebra* larva p. 209 figs., KANDYBINA Ent. Obozr. **40.**

Metatephritis **gen. n.** (nr. *Neotephritis*), *fenestrata* **sp. n.** Wyoming p. 110 fig., FOOTE Proc. biol. Soc. Wash. **73** 1960.

Microrrhagoletis **gen. n.** (nr. *Rhagoletis*) *samojlovitshae* **sp. n.** Kazakhstan p. 187 figs., RODENDORF Ent. Obozr. **40.**

Mylogymnocarena **gen. n.** for *Urellia apicata* Thomas p. 111, FOOTE Proc. biol. Soc. Wash. **73** 1960.

Myoleja unifasciata **sp. n.** (*limata*, *nigricornis* compared p. 75) California p. 73 fig., BLANC & FOOTE Pan-Pacif. Ent. **37.**

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Oedicarena persuasa, *tetanops* distinguishing characters p. 114, FOOTE Proc. biol. Soc. Wash. **73** 1960.

Orellia key p. 254; *undosa* Coq. p. 256, *occidentalis* Snow p. 258, *palposa* Loew p. 260 from *Trypeta* figs., MCFADDEN & FOOTE Proc. ent. Soc. Wash. **62.**

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Rhabdochaeta asteria 3rd instar larva pp. 145, 147 figs., OKADOME Publ. ent. Lab. Coll. Agric. Univ. Osaka no. 6.

Rhagoletis & allied genn. of Palaearctic region (key to genn. p. 177, to *R.* spp. pp. 178, 199) pp. 176–201; *almatensis* **sp. n.** Kazakhstan p. 181; *cerasi* **subspp. n.** *nigripes* Tadzhikistan, *fasciata* Europ. Russia p. 180 figs., RODENDORF Ent. Obozr. **40.**—*R. berberidis* **sp. n.** (*cerasi* compared) Hungary p. 133 figs., JERMY Acta zool. hung. **7.**—*R. cerasi* p. 203, *flavicincta* p. 204 larvae figs., KANDYBINA Ent. Obozr. **40.**

Trypeta undosa, *occidentalis*, *palposa* see *Orellia.*

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Urophora, *Rhagoletis* compared p. 1045, SHEWELL Canad. Ent. **93.**—*U. timberlakei* **sp. n.** California p. 81, BLANC & FOOTE Pan-Pacif. Ent. **37.**

Xenochaeta aurantiaca Doane from *Eutreta*; *dichromata* distinguishing characters p. 109, FOOTE Proc. biol. Soc. Wash. **73** 1960.

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Genera of Platystomatidae & Otitidae of America north of Mexico (Tephritoidea: key to famm. p. 402, keys to genn. of Plat. & Otit. pp. 403–405), STEYSKAL Ann. ent. Soc. Amer. **54:** 401–410, 16 figs.

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Eurycephalomyia Hend. reduced to subgen. of *Tetanops*, q.v.

Haigia **gen. n.** (nr. *Homalocephala*), *nevadana* **sp. n.** Nevada p. 406 fig., STEYSKAL Ann. ent. Soc. Amer. **54.**

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Afrotoxopoda **gen. n.** (allied to *Toxopoda*) pp. 19, 27, *ambili* **sp. n.** Congo p. 28 figs., VANSCHUYTBROECK Explor. Parc nat. Garamba Miss. de Saeger 1949–1952 fasc. 23.

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A revision of American Neriidae (systematic position p. 259; Neriini: list of genn. & spp. p. 262, key to genn. pp. 276–278, keys to spp.), ACZÉL Stud. Ent. (N.S.) **4:** 257–346, 64 figs.

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Oscinella frit, *nitidissima*, *vastator*, *albiseta*, *trochanterata* larval characters pp. 695–699 figs., JEPSON & NYE Verh. IV. int. Pflnzschutz-Kongr. Hamburg 1957 **1** 1959.

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S. African Diopsidae, a partial revision (genitalia; key to genn. p. 422, list p. 438), VAN BRUGGEN S. Afr. anim. life vol. VIII: 415–439, 31 figs.

Diopsidae of Niokolo-Koba Nat. Park, ROY Mém. Inst. franç. Afr. noire no. 62: 285–288.

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Diasemopsis Rond. (= *Chaetodiopsis* Ség.) p. 431 figs., VAN BRUGGEN S. Afr. anim. life vol. VIII.

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Notes on some Canadian Ephydridae, DAHL Notul. ent. **41:** 38–40.

Notes on some Canaceidae & Ephydridae of Madeira, DAHL Notul. ent. **41:** 41–43.

Discocerina (*Hecamoides*) *olma*, (*D.*) *hilla* **spp. n.** Afghanistan p. 89 figs., DAHL Ent. Tidskr. **82.**

Ephydra afghanica **sp. n.** Afghanistan p. 87 figs., DAHL t.c.

Notiphila (*Agrolimna*) *hamifera* **sp. n.** Arizona p. 87 fig., WHEELER Southw. Nat. **6.**

Scatella (*S.*) *pruinosa* **sp. n.** Afghanistan p. 88 fig., DAHL Ent. Tidskr. **82.**

Scatophila iowana **sp. n.** Iowa p. 86, WHEELER Southw. Nat. **6.**

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Type collections of Drosophilidae, 1: Strobl collection (numerical list pp. 213–224), BASDEN Beitr. Ent. **11:** 160–224, 2 pls., 14 figs.

New records of Drosophilidae from the Galapagos Islands, WHEELER Ann. ent. Soc. Amer. **54:** 750.

Amiota (*Phortica*) *huachuae* **sp. n.** Arizona p. 90 fig., WHEELER Southw. Nat. **5** 1960.

Chymomyza olympia **sp. n.** Washington p. 89, WHEELER t.c.

Drosophila subquinaria of America (*transversa* compared); *falleni* Missouri, Tennessee p. 161, *recens* Michigan, Maine, *rellima* Nebraska, California p. 162 **spp. n.** figs., WHEELER t.c.—*D.* relationships within (*Pholadoris*) *victoria*-group pp. 145–161; (*P.*) *brooksi* **sp. n.** p. 146; (*P.*) *lebanonensis* **subsp. n.** *casteeli* ((*P.*) *leb.* (s. str.) compared p. 151) p. 149 Arizona figs., PIPKIN Proc. ent. Soc. Wash. **63.**—*D.* (*Lordiphosa* **subgen. n.**) p. 186; *tristis* Fall. (= *tinctipennis* Str.) p. 182; *camerar-ia* Hal. (= *unistriata* Str.) p. 203; (*Spinodrosophila*) *nigro-sparsa* p. 173, (*Hirtodrosophila*) *oldenbergi* p. 178, *nigr*[i]*color* p. 190, *unimaculata* p. 194 further description figs., BASDEN Beitr. Ent. **11.**—*D.* (*Hirtodrosophila*) *kangi* **sp. n.** S. Korea p. 20 figs., OKADA & LEE Akitu **10.** —*D. populi* ♂ genitalia p. 144 figs., TAKADA Bull. Brooklyn ent. Soc. **55.**

Hemiscaptomyza **subgen. n.** (type *unipunctum* Zett.) see *Scaptomyza.*

Leucophenga neovaria **sp. n.** N. America p. 89 fig., WHEELER Southw. Nat. **5** 1960.

Lordiphosa **subgen. n.** (type *fenestrarum* Fall.) see *Drosophila.*

Marquesia femoralis Mall. from *Scaptomyza* p. 68, HACKMAN Acta zool. fenn. **97** 1959.

Mesoscaptomyza **subgen. n.** (type *wheeleri* sp. n.) see *Scaptomyza.*

Metascaptomyza **subgen. n.** (type *cochleata* Burla) see *Scaptomyza.*

Microdrosophila (*Incisurifrons*) *zetterstedti* genitalia p. 172 fig., BASDEN Beitr. Ent. **11.**

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North American species of Opomyzidae (key to genn. p. 506), VOCKEROTH Canad. Ent. **93:** 503–522, 42 figs.

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AGROMYZIDAE (PHYTOMYZIDAE).

Taxonomic studies on some Agromyzidae of economic importance in Japan, KATO Bull. nat. Inst. agric. Sci. (C) **13:** 171–206, 75 figs.

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A list of Japanese Agromyzidae and their food-plants SASAKAWA Sci. Rep. Kyoto pref. Univ. Agric. no. 13: 60–67.

Notes on African Agromyzidae, 2, SPENCER Dtsch. ent. Z. (N.F.) **8:** 415–430, 24 figs.

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Agromyzidae of Madagascar (key to genn. p. 270, keys to spp. pp. 271, 273, 283), SPENCER Mém. Inst. sci. Madag. (E) **12:** 269–287, 10 figs.

A synopsis of the Oriental Agromyzidae (keys to genn. & spp.), with some notes on feeding habits, SPENCER Trans. R. ent. Soc. Lond. **113:** 55–100, 48 figs.

Agromyza spp. of Japan (keys to adults (♂ & ♀ terminalia), to larvae pp. 310–312) pp. 309–331; *betulae* p. 313, *wistariae* p. 326 **spp. n.** Japan figs., SASAKAWA Pacif. Ins. **3.**—*A.* spp. of Oriental reg. (key p. 58) pp. 58–63; *antennalis* Indonesia, *ceylonensis* Ceylon p. 60, *pennisetivora* p. 63, *hordei* India **spp. n.**; *graminivora* further description p. 61 figs., SPENCER Trans. R. ent. Soc. Lond. **113.**—*A.* key to Madag. spp.; *confusa* **sp. n.** Madagascar p. 271 fig., SPENCER Mém. Inst. sci. Madag. (E) **12.**—*A. ocularis* **sp. n.** (*abutilonis* amend. key p. 323) S. Africa p. 322 fig., SPENCER J. ent. Soc. S. Afr. **24.**—*A. celtidis* **sp. n.** (place in key p. 377) Yugoslavia p. 367 figs., NOWAKOWSKI Polsk. Pismo ent. **30** 1960.—*A. koshunensis* see *Japanagromyza variihalterata*; *setigera* see *J.*; *variihalterata* see *Melanagromyza*; *prolifica* see *M. sojae*; *nigrita* (*albohalterata*) see *Phytobia*; *flavofemorata* see *P. piliseta.*

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Napomyza dalmatiensis **sp. n.** (place in Hendel's key) Yugoslavia p. 55 figs., SPENCER Entomologist **94.**

Ophiomyia key to oriental spp. p. 78; *cicerivora* **sp. n.** Pakistan p. 79 figs., SPENCER Trans. R. ent. Soc. Lond. **113.**—*O. anomala* p. 334, *lunatica* p. 336 Cape Province, *lucidata* Zululand **spp. n.** (places in key); *atralis* incl. in key p. 335 figs., SPENCER J. ent. Soc. S. Afr. **24.**—*O. mesonotata* **sp. n.** (*rhodesiensis, nigerrima* characters p. 420) Abyssinia p. 419 figs., SPENCER Dtsch. ent. Z. (N.F.) **8.**—*O. solanivora* **sp. n.** Madagascar p. 282 figs., SPENCER Mém. Inst. sci. Madag. (E) **12.**

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Phytobia spp. of Japan (terminalia, larvae, key to spp. p. 361) pp. 360–386; (*Amauromyza*) *nigripennis* p. 364, (*A.*) *plectranthi* p. 366, (*Poemyza*) *sasae* p. 374 **spp. n.** Japan; (*Poem.*) *okazakii* Matsum. from *Oscinis* p. 372 figs., SASAKAWA Pacif. Ins. **3.**—*P.* (*Poemyza*) *aristella* **sp. n.** (place in key) Zululand p. 338, SPENCER J. ent. Soc. S. Afr. **24.**—*P.* spp. of oriental reg. (key p. 80) pp. 80–87; (*Phyt.*) *nigrita* Mall. (= *Agromyza albohalterata* de Meij.) from *A.* p. 82; (*Icteromyza*) *piliseta* Beck. (= *A. flavofemorata* Mall.); (*I.*) *nigricoxa*, (*I.*) *longipennis* compared p. 85; (*Phyt.*) *diversata* p. 81, (*Dizygomyza*) *omissa* p. 86 Formosa, (*Poemyza*) *oryzivora* Malaya p. 83, (*I.*) *duplicata*, (*I.*) *floresensis* p. 84 Indonesia **spp. n.** figs., SPENCER Trans. R. ent. Soc. Lond. **113.**

Phytoliriomyza perpusilla Mg. (= *formosensis* Mall.) p. 95, SPENCER t.c.

Phytomyza key to oriental spp. p. 95; *tropica* **sp. n.** Indonesia p. 97 fig., SPENCER t.c.—*P. zonata* Zett. (= *nigrifemur* Hg.) synonymy confirmed p. 58, SPENCER Entomologist **94.**—*P.* Hendel's key to spp. amended by Hering p. 40; *mutellinae* **sp. n.** Poland p. 37 figs., BEIGER Bull. Soc. Amis Sci. Poznán (D) no. 2.—*P.* spp. of Japan (terminalia, larvae, keys to adults, larvae pp. 429–432) pp. 428–471; *abeliae* p. 432, *acanthopanicis* p. 434, *bifida* p. 443, *disjuncta* p. 445, *dryoptericola* p. 446 **spp. n.**; *actaeae* **subsp. n.** *nigriciliata* p. 436 Japan; *nigra* larval characters p. 462; *ranunculi* Schrank (= *r. pentalinearis* Kur.) p. 466 figs., SASAKAWA Pacif. Ins. **3.**—*P.* sp. p. 70, *minuscula, esakii* p. 66, *tordylii* p. 69 larval spiracles & cephalopharyngeal sclerites figs., KURODA Kontyû **29.**

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Notes on the names of some Sphaeroceridae, RICHARDS Ann. Mag. nat. Hist. (13) **3**: 561–564.

Archiborborus key to subgenn. & spp. (esp. Chile) p. 57; (*A.*) *maximus* p. 59, (*Procopromyza*) *chaetosus* p. 60 **spp. n.** Chile figs., RICHARDS Proc. R. ent. Soc. Lond. (B) **30.**

Frutillaria **gen. n.** (allied to *Archiborborus*) p. 63, *kuscheli* (type), *chepuensis* p. 66, *edenensis*, *calceata*, *stenoptera* p. 67 **spp. n.** Chile figs., RICHARDS t.c.

Leptocera (*Pterogramma*) *substituta* **sp. n.** (for *sublugubrina* Spuler) p. 563; *opacella* **n. n.** for *opaca* Ald. nec Duda p. 564, RICHARDS Ann. Mag. nat. Hist. (13) **3.**

Mallochella see *Pterogramma.*

Pterogramma Spul. (= *Mallochella* Duda) p. 562, RICHARDS Ann. Mag. nat. Hist. (13) **3.**

Thoracochaeta zosterae early stages p. 124 figs., EGGLISHAW Ent. mon. Mag. **96** 1960.

SIPHONAPTERA.

Records of fleas from northwestern Arizona, AUGUSTSON & DURHAM Bull. S. Calif. Acad. Sci. **60:** 100–104, pl. 25.

Systematic account of Siphonaptera of southern Africa (key to famm. p. 31, keys to spp.), DE MEILLON, DAVIS & HARDY Plague in south. Afr. vol. I: 30–266, figs.

Fleas from Macquarie I. (list p. 45), DUNNET Proc. R. ent. Soc. Lond. (B) **30:** 43–49, 3 figs.

More family-group names in Siphonaptera (Kishida's work on Aphaniptera (1939) discussed), HOPKINS Ann. Mag. nat. Hist. (13) **3:** 643–644.

Siphonaptera of Micronesia (keys), HOPKINS Ins. Micron. **14** no. 4: 89–107, 9 figs.

Ischnopsyllidae of southern Africa (key to subfamm. p. 176, list p. 175; Ischnopsyllinae: key to genn. p. 178), MARCUS J. ent. Soc. S. Afr. **24:** 173–211, 17 figs., 1 map.

Siphonaptera collected by G. B. Corbet in Kenya (list of spp. known in Kenya p. 369), SMIT Rev. Zool. Bot. afr. **63:** 357–371, 9 figs.

Acropsylla girshami Traub status discussed p. 511 figs., LI & CHIN Acta ent. sinica **10.**

Ceratophyllus tesquorum, consimilis, laeviceps larval characters (*fasciatus* compared) p. 778 figs., ALEKSEEV Zool. Zhurn. **40.**—*C. mikulini* **sp. n.** Transcaucasia p. 203 figs., KUNITSKY & KUNITSKAYA Trudy protivochumn. Inst. Kavkaz **5.** [Not seen.]—*C. olsufjevi* **sp. n.** Sakhalin p. 184 figs., SCALON & VIOLOVICH Trudy protivochumn. Inst. Kavkaz **5.** [Not seen.]—*C. penicilliger* **subsp. n.** *angulatus* Sakhalin p. 158 figs., VIOLOVICH Trudy protivochumn. Inst. Kavkaz **5.** [Not seen.]—*C. wagneri systaltus, w. aphidius* see *Monopsyllus w.*

Coptopsylla olgae **subsp. n.** *wachschi* Tadzhikistan p. 1423 figs., LABUNETS & KAFARSKAYA Zool. Zhurn. **40.**

Cryptoctenopsyllus Wagn. reduced to subgen. of *Dinopsyllus*, q.v.

Ctenophthalmus lycosius ♀ p. 367 figs., SMIT Rev. Zool. Bot. afr. **63.**

Dinopsyllus (*Cryptoctenopsyllus* Wagn. reduced to subgen.) characters (note); *kempi* figured p. 364, SMIT t.c.

Frontopsylla lapponica ♂ p. 305 figs., SMIT Entomologist **94.**

Hoplopsyllus (*Euhoplopsyllus*) *glacialis* **subsp. n.** *asiaticus* China pp. 513, 516 figs., WANG & LIAO Acta ent. sinica **10.**—*H. exoticus* Jord. & Roth. reduced to subsp. of *glacialis*; ♂ p. 256 figs., TIPTON & MENDEZ Ann. ent. Soc. Amer. **54.**

Jellisonia johnsonae **sp. n.** Panama p. 259 figs., TIPTON & MENDEZ t.c.

Kohlsia keenani p. 265, *traubi* p. 269 **spp. n.** Panama figs., TIPTON & MENDEZ t.c.

Mioctenopsylla traubi **subsp. n.** *kurilensis* Sakhalin p. 161 figs., VIOLOVICH Trudy protivochumn. Inst. Kavkaz **5.** [Not seen.]

Monopsyllus revision of N. American spp. (keys to ♂♂ p. 5, to ♀♀ p. 7) pp. 1–69; *vison* Bak. (= *v. reeheri* Hubb.) p. 11; *exilis* Jord. (= *ex. opadus* Jord., *ex. triptus* Jord., *ex. kansensis* Hubb.) p. 13; *ciliatus kincaidi* Hubb. (= *c. fasteni* Hubb.) p. 26; *wagneri* Bak. (= *w. kylei* Hubb., *Ceratophyllus w. systaltus* Jord., *C. w. ophidius* Jord.) p. 31; *e. eumolpi* Rothsch. (= *eum. canadensis* Hubb.) p. 42; *cyrturus* Jord. (= *eum. charlestonensis* Hubb.) p. 50; *orarius* **sp. n.** Oregon, California p. 55 figs., JOHNSON Tech. Bull. U.S. Dep. Agric. no. 1227.

Nycteridopsylla oligochaeta **sp. n.** Kirghizia p. 206 figs., RŸBIN Trudy protivochumn. Inst. Kavkaz **5.** [Not seen.]

Ophthalmopsylla praefecta **subsp. n.** *ecphora* Mongolia p. 195 figs., LABUNETS Trudy protivochumn. Inst. Kavkaz **5.** [Not seen.]

Paradoxopsyllus kalabukhovi **sp. n.** Mongolia p. 191 figs., LABUNETS t.c. [Not seen.]

Parapsyllus cardinis **sp. n.** Macquarie I. p. 44 figs., DUNNET Proc. R. ent. Soc. Lond. (B) **30.**

Pleochaetis altmani **sp. n.** Panama p. 262 figs., TIPTON & MENDEZ Ann. ent. Soc. Amer. **54.**

Polygenis floridanus **sp. n.** Florida p. 115 figs., JOHNSON & LAYNE Proc. ent. Soc. Wash. **63.**

Rhadinopsylla altifrons **sp. n.** Tadzhikistan p. 1425 figs., LABUNETS & KAFARSKAYA Zool. Zhurn. **40.**—*R. dahurica* **subsp. n.** *sila* Mongolia p. 192 figs., LABUNETS Trudy protivochumn. Inst. Kavkaz **5.** [Not seen.]

Xenopsylla debilis (*Tatera nigricauda* true host) p. 361, *difficilis* p. 362 genitalia figured, SMIT Rev. Zool. Bot. afr. **63.**

HEMIPTERA.

Heteroptera.

Reduvioidea, wing venation as distinguishing character, DAVIS Ann. ent. Soc. Amer. **54:** 340–354, 63 figs.

Some Reduviidae, Nabidae, Leptopodidae of the Sahara, DISPONS Bull. Soc. ent. France **65:** 241–249, 3 figs., 1 map.

Heteroptera collected in Ankara (Turkey) by light trap, HOBERLANDT Acta ent. Mus. nat. Pragae **34:** 399–416, 49 figs.

Heteroptera from the Hindu-Kush & Karakorum mountains, HOBERLANDT 1960 Atti Mus. Stor. nat. Trieste **22:** 55–65, 10 figs.

Heteroptera from W. German Afghanistan exped. 1956 (list, distribution p. 197), HOBERLANDT Beitr. naturk. Forsch. SW-Dtschl. **19:** 197–222, 30 figs., 1 map.

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Cyperobia carectorum Bergr. macropt. ♂ p. 154, subbrachypt. ♂, ♀ p. 155 figs., WOODWARD Trans. roy. Soc. N.Z. (Zool.) **1.**

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Engyotingis **gen. n.** (*Xenotingis* compared) p. 175, *cybele* **sp. n.** (type) Basilan I. p. 176; *tonkinana* Drake & Maa from *Ypsotingis* p. 177, DRAKE & RUHOFF Proc. U.S. nat. Mus. **113.**

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Ildefonsus nexus **sp. n.** Burma p. 180, DRAKE & RUHOFF Proc. U.S. nat. Mus. **113.**

Larotingis **gen. n.** (Tinginae), *aporia* **sp. n.** New Guinea p. 357 fig., DRAKE Pacif. Ins. **2** 1960.—*L. etes*

sp. n. Surigao, Mindanao (Philippines) p. 165, DRAKE & RUHOFF Proc. U.S. nat. Mus. **113.**

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Some Reduviidae from Angola, VILLIERS Publ. cult. Comp. Diam. Angola no. 52: 27–54, 40 figs.

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Apolygus China, 1941, & type *limbatus* Fallén, 1829, plea for addition to Official Lists pp. 281–284, CARVALHO, KNIGHT & USINGER Bull. zool. Nom. **18.**

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Auchenocrepis alboscutellata Put. a good sp. not f. of *minutissima* p. 336, PRIESNER & WAGNER Bull. Soc. ent. Egypte **45.**

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A new scheme of classification of Gerridae (combinations of sutures), MATSUDA Verh. XI. int. Kongr. Ent. Wien 1960 **1:** 32–35, 6 figs.

Cylindrostethus stygius **sp. n.** Peru p. 65, DRAKE Proc. biol. Soc. Wash. **74.**

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A checklist of Gelastocoridae (synn.), TODD Proc. Hawaii. ent. Soc. **17:** 461–476.

Gelastocoris Kirk. synonomy of some S. American spp. discussed pp. 57–63; *nebulosus* Guér.-Mén. (= *monrosi* De Carlo) p. 60; *fuscus* Mar. (= *martinezi* De Carlo) p. 61, TODD Proc. biol. Soc. Wash. **74.**

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Naucorida [Leach], [1815], plea for suppression pp. 374–376, JACZEWSKI Bull. zool. Nom. **18.**

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Naucorini Costa, 1852, plea for suppression pp. 374–376, JACZEWSKI Bull. zool. Nom. **18.**

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Ilyocoris Stål, 1861, and type *cimicoides* Linnaeus, 1758, plea for addition to Official Lists pp. 374–376, JACZEWSKI Bull. zool. Nom. **18.**

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Higher classification of Belostomatidae (key to subfamm. & genn., ♂ genitalia as taxonomic characters), LAUCK & MENKE Ann. ent. Soc. Amer. **54:** 644–657, 39 figs.

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Anisops spp. in Hung. Nat. Hist. Mus. pp. 505–506, LANSBURY Ann. hist.-nat. Mus. hung. **53.**—*A. poissoni* **sp. n.** Angola p. 84 figs., LANSBURY Ent. mon. Mag. **97.**—*A. spinosus* **sp. n.** Ethiopia p. 129 fig., LANSBURY Proc. R. ent. Soc. Lond. (B) **30.**

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A list of aquatic Corixinae from Macedonia, GRUPČE Fragm. balcan. **4:** 29–36, 3 figs.

Archicallicorixa **subgen. n.** (type *scripta* Ramb.) see *Callicorixa*.

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Homoptera.

Homoptera Auchenorrhyncha, key to famm.; Canadian Cicadidae & Membracidae (keys to subfamm., tribb., genn. & spp.), with a checklist, BEIRNE Cicadas & treehoppers [? 1960] [2 +] 54 pp. 138 figs.

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Panka differata **sp. n.** Uganda p. 31 figs., DLABOLA Explor. Parc nat. Upemba Miss. de Witte 1946–1949 (1959) 1960 fasc. 59.

Platypleura witteana Congo p. 20, *izzardi* Angola p. 22 **spp. n.** figs., DLABOLA t.c.—*P. duplex* **sp. n.** Congo p. 320 figs., DLABOLA Rev. Zool. Bot. afr. **64.**—*P. kaempferi* F. (= *tsuchidai* Kato) pp. 5, 25 figs., ISHIHARA Ins. Jap. (1) **1961.**

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Sadaka aurovirens **sp. n.** Congo p. 12 figs., DLABOLA Explor. Parc nat. Upemba Miss. de Witte 1946–1949 (1959) 1960 fasc. 59.

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Cercopis sanguinolenta Scop., *intermedia* Kb. distinct spp. p. 588 figs., WAGNER S.B. öst. Akad. Wiss. (Math.-nat.) **168** 1959.—*C. undulifera* see *Neoporpacella.*

Clovia calundensis **sp. n.** Angola p. 89 figs., SYNAVE Publ. cult. Comp. Diam. Angola no. 52.

Cosmoscarta key to spp. pp. 40–57; list pp. 59–64; *decisa* **f. n.** *inornata* Burma p. 42; *hyale* **f. n.** *conjuncta* (no locality) p. 44; *dimidiata* **f. n.** *impunctata* Siam p. 57 (all in key); *capeneri* India pp. 54, 57, *setchouana* pp. 56, 59, *fokiensis* pp. 42, 58 China, *mouangana* Laos pp. 52, 58 figs., LALLEMAND & SYNAVE Mém. Inst. Sci. nat. Belg. (2) fasc. 66.—*C. angulosa*, *clio*, *masoni* see *Oxypeltarion.*

Ectemnonotum key to spp. pp. 81–86; list pp. 87–88; *splendens* Siam pp. 84, 86, *strangulatum* Laos pp. 83, 86 **spp. n.** figs., LALLEMAND & SYNAVE Mém. Inst. Sci. nat. Belg. (2) fasc. 66.

Hemitrichoscarta **gen. n.** for *Trichoscarta picea* Lallm., *deiannira* Bredd., *excisa* Schm. p. 29, LALLEMAND & SYNAVE t.c.

Homalostethus key to spp. pp. 67–72; list pp. 74–75; *ussensis* pp. 69, 73, *sachtlebeni* pp. 71, 73 **spp. n.** Celebes figs., LALLEMAND & SYNAVE t.c.—*H. parvus* see *Platynotoscarta*.

Leptataspis key to spp. pp. 112–138; list pp. 139–144; *bicincta* **n. n.** for *bifasciata* Lallm. nec Guér. p. 112; *proxima* Wlk. a good sp. not syn. of *concolor* p. 127 (in notes); *utakwana* **n. n.** for *elegantula* Dist. nec bis lect. p. 131; *nigroguttata* f. *obscurior* **n. n.** for *rotundata* Stål nec Wlk. p. 132; *octomaculata* **n. n.** for *hecuba* Dist. nec Bredd. p. 133; *scabra* f. *jacobii* **n. n.** for *s.* var. Jacobi p. 135; *lydia* **subsp. n.** *lutea* p. 120; *thoracica* **subsp. n.** *matherana* p. 122; *shillongana* **f. n.** *pallida* p. 124 India; *keyana* Key I. p. 129 (all preceding in key), *pahangana* Cameroons pp. 113, 138, *pendleburyi* Malaya pp. 128, 138 **spp. n.** figs., LALLEMAND & SYNAVE Mém. Inst. Sci. nat. Belg. (2) fasc. 66.—*L. acutum, peracutum* see *Oxypeltarion*; *philippinensis* see *Serapita*.

Megastethodon key to spp. pp. 91–100; list pp. 100–102; *bicolor* **sp. n.** Waigeo I. p. 93 (in key); *xanthohirnus* Boisd. (= *roberti* Lallm.) p. 98; *decisa* Wlk. (= *zonatus* Btlr.) p. 102; *nasalis* Wlk. a good sp. not syn. of *urvillei* p. 99 (notes) figs., LALLEMAND & SYNAVE Mém. Inst. Sci. nat. Belg. (2) fasc. 66.

Neophilaenus exclamationis **subsp. n.** *meridionalis* Italy p. 301, LINNAVUORI Mem. Mus. Stor. nat. Verona **6** 1957–1958 [1959].

Neoporpacella **gen. n.** for *Cercopis undulifera* Wlk. (type), *Trichoscarta apicalis* Jacobi, *conspurcata* Schmidt p. 27 figs., LALLEMAND & SYNAVE Mém. Inst. Sci. nat. Belg. (2) fasc. 66.

Oxypeltarion **gen. n.** for *Cosmoscarta angulosa* Stål (type), *clio* Jacobi, *masoni* Dist., *Leptataspis acutum* Schm., *peracutum* Lallm. p. 144; *straeleni* **sp. n.** Celebes p. 145 figs., LALLEMAND & SYNAVE t.c.

Philaenini Metcalf, 1955, placed on Official List of Family-Group Names in Zoology, Opinion 590, Bull. zool. Nom. **18.**

Philaenus Stål, 1864, and type *spumaria* Linnaeus, 1758, placed on Official Lists, Opinion 590, Bull. zool. Nom. **18.**—*P.* spp. from Mediterranean region (key p. 590) pp. 590–597 figs., WAGNER S.B. öst. Akad. Wiss. (Math.-nat.) **168** 1959.

Phymatostetha key to spp. pp. 9–17; list pp. 18–20; *costalis borneensis* **f. n.** *minor* p. 11; *lais* **subsp. n.** *fasciata* p. 16 Borneo (both in key); *varia* **subsp. n.** *quadrisignata* Celebes pp. 10, 17 figs., LALLEMAND & SYNAVE Mém. Inst. Sci. nat. Belg. (2) fasc. 66.

Platynotoscarta **gen. n.** for *Homalostethus parvus* Lallm. (type); *pahangana* **sp. n.** Malaya p. 65 figs., LALLEMAND & SYNAVE t.c.

Ptyelinae Fowler, 1897, placed on Official List of Family-Group Names in Zoology, Opinion 590, Bull. zool. Nom. **18.**

Ptyelus Lepeletier & Serville, 1828, placed on Official List of Generic Names in Zoology, Opinion 590, Bull. zool. Nom. **18.**

Serapita key to spp. pp. 107–109; list p. 109; *philippinensis* Schmidt from *Leptataspis*; *p.* Lallm. reduced to f. of *consociata* p. 108 (note) figs., LALLEMAND & SYNAVE Mém. Inst. Sci. nat. Belg. (2) fasc. 66.

Trichoscarta key to spp. pp. 22–25; list p. 26; *trimaculata* **sp. n.** Borneo; *pendleburyi* **f. n.** *circumducta* Perak (Malaya) p. 25 figs., LALLEMAND & SYNAVE t.c.—*T. picea, deiannira, exicisa* see *Hemitrichoscarta*; *apicalis, conspurcata* see *Neoporpacella*.

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Aphrophoridae Amyot & Serville, 1843, placed on Official List of Family-Group Names in Zoology, Opinion 590, Bull. zool. Nom. **18.**

Aphrophora Germar, 1821, previous type selections rejected and *alni* Fallén, [1806], designated type, placed on Official Lists, Opinion 590, Bull. zool. Nom. **18.**

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Tricentrus umesaoi **sp. n.** Thailand p. 226 figs., ISHIHARA Nat. & Life Southeast Asia **1.**

CICADELLIDAE (JASSIDAE) (including MACROPSIDAE).

Amblycephalinae China, 1939, plea for suppression, CHINA Bull. zool. Nom. **18:** 163–167.

Cicadellidae Latreille, 1825, plea for addition to Official List of Family-Group Names in Zoology, CHINA Bull. zool. Nom. **18:** 163–167.

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Macropsidae Evans, 1938, placed on Official List of Family Group Names in Zoology, Opinion 603, Bull. zool. Nom. **18.**

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Tettigonidae Amyot & Serville, 1843, plea for suppression, CHINA Bull. zool. Nom. **18:** 163–167.

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S. African Cicadellidae, LINNAVUORI S. Afr. anim. life vol. VIII: 452–486, 5 figs.

Achrus chinai **sp. n.** Tadzhikistan p. 294 figs., DLABOLA Acta ent. Mus. nat. Pragae **34.**

Aconura flavovirescens Stål from *Deltocephalus* p. 480, LINNAVUORI S.Afr. anim. life vol. VIII.

Adarrus calabricus **sp. n.** Italy p. 320 figs., DLABOLA Acta Soc. ent. Čsl. **58.**

Afroideus **gen. n.** (Euscelini) p. 475, *cruciatus* **sp. n.** Cape Province p. 476 figs., LINNAVUORI S. Afr. anim. life vol. VIII.

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Agalliopsis rex **sp. n.** Ecuador p. 63; *inscripta* ♂ p. 65 figs., KRAMER Proc. biol. Soc. Wash. **73** 1960.

Agapelus **gen. n.** for *Deltocephalus aurantiacus* Fieb. p. 127 figs., EMEL'YANOV Ent. Obozr. **40.**

Allygus syrinx **sp. n.** Uzbekistan p. 330 figs., DLABOLA Acta ent. Mus. nat. Pragae **34.**

Anacertagallia estonica **sp. n.** (*venosa* compared) Estonia p. 199 figs., VILBASTE Eesti Tead. Akad. Toimet. (Biol.) **8** 1959.

Anoplotettix key to spp. pp. 599–602; *beieri, etnensis* Greece, *novaki* Sicily **spp. n.** p. 603 figs., WAGNER S.B. öst. Akad. Wiss. (Math.-nat.) **168** 1959.

Athysanus patruelis see *Caffrolix*; *fasciolatus* see *Exitanus*.

Balclutha mitjajevi **sp. n.** Uzbekistan p. 354 figs., DLABOLA Acta ent. Mus. nat. Pragae **34.**—*B. calamagrostis* **sp. n.** Sweden p. 59 figs., OSSIANNILSSON Opusc. ent. **26.**—*B. longiforma* Cog. from *Cicadula* p. 484, LINNAVUORI S. Afr. anim. life vol. VIII.

Balocha Dist. (= *Idiocerinus* Bak.) re-description p. 300, key to spp. p. 308; *melichari* p. 305, *nacreatus* p. 307 from *I.*; *lucida* Sarawak p. 302, *pallida* W. Pakistan p. 304 **spp. n.** figs., MALDONADO-CAPRILES Proc. ent. Soc. Wash. **63.**—*B. busonioides* see *Pedioscopus*.

Basutoia **gen. n.** (Euscelini), *brachyptera* **sp. n.** Basutoland p. 471 fig., LINNAVUORI S. Afr. anim. life vol. VIII.

Batrachomorphus subolivaceus Stål p. 453, *cedaranus* Naudé p. 454 from *Bythoscopus*, LINNAVUORI t.c.—*B. chlorophana* Melich. from *Pachyopsis* p. 234 figs., ISHIHARA Nat. & Life Southeast Asia **1.**

Bonaspeia **gen. n.** (Euscelini), *straminea* (type), *cristata* **spp. n.** Cape Province p. 468; *eriocephala* Cog. from *Euscelis* p. 469 fig., LINNAVUORI S. Afr. anim. life vol. VIII.

Bubulcus **subgen. n.** (type *cingulatus* Dlab.) see *Paralimnus*.

Bythoscopus subolivaceus, cedaranus see *Batrachomorphus*; *glaucovirens* see *Opsius*.

Caffrolix **gen. n.** for *Athysanus patruelis* Stål (type) p. 466; *compater* Stål from *Thamnotettix*; *parvulus* p. 467, *serricauda* p. 468 **spp. n.** Cape Province figs., LINNAVUORI S. Afr. anim. life vol. VIII.

Calamotettix perelegans **sp. n.** Tadzhikistan p. 322 figs., DLABOLA Acta ent. Mus. nat. Pragae **34.**

Camptelasmus signatus **sp. n.** Cape Province p. 457, LINNAVUORI S. Afr. anim. life vol. VIII.

Capeolix **gen. n.** (Euscelini), *picturatus* **sp. n.** Cape Province p. 472 fig., LINNAVUORI t.c.

Carinifer parcus **sp. n.** Tadzhikistan p. 348 figs., DLABOLA Acta ent. Mus. nat. Pragae **34.**

Chiasmus hyalinus Ev. from *Postumus* p. 480, LINNAVUORI S. Afr. anim. life vol. VIII.

Chlorita caspica Dagestan, *zeravschanica* Uzbekistan **spp. n.** p. 304 figs., DLABOLA Acta ent. Mus. nat. Pragae **34.**—*C. prasina* Fieb. (= *mendax* Dlab.) p. 318, DLABOLA Acta Soc. ent. Čsl. **58.**

Chlorotettix parabolatus, spadix see *Tetratostylus*.

Cicadella Latreille, 1817, and type *viridis* Linnaeus, 1758, plea for addition to Official Lists; *Cicadella* Duméril, 1806, plea for suppression pp. 163–167, CHINA Bull. zool. Nom. **18.**

Cicadetta tibialis **subsp. n.** *acuta* Uzbekistan, Kirghizia p. 278, DLABOLA Acta ent. Mus. nat. Pragae **34.**

Cicadula sulphurella Zetterstedt, 1828, placed on Official List of Specific Names in Zoology, Opinion 603, Bull. zool. Nom. **18.**—*C. longiforma* see *Balclutha*; *bimaculata* see *Cicadulina*.

Cicadulina parazeae **sp. n.** S. Rhodesia p. 369; *funeralis* Dist. from *Kolla*; *bimaculata* Evans from *Cicadula* p. 370 figs., GHAURI Ann. Mag. nat. Hist. (13) **4.**

Circulifer obtusiceps **sp. n.** Cape Province; *pentzia* Cog., *karrooensis* Cog. from *Thamnotettix* p. 479, LINNAVUORI S. Afr. anim. life vol. VIII.

Coloborrhis corticina Germ. (= *Ulopa sordida* Stål) p. 456, LINNAVUORI t.c.

Cuerna rubromarginata Sign. (= *capitanea* Berg) p. 87; *similis* Melich. a good sp. not var. of *r.* p. 89; *centrolinea* p. 90, *doeringii* p. 91 of S. America figs., SCHRÖDER Senckenb. biol. **42.**

Deltocephalus cotula Cog. from *Thamnotettix*; *lobatus* **sp. n.** Basutoland p. 481 fig., LINNAVUORI S. Afr. anim. life vol. VIII.—*D. flavovirescens* see *Aconura*; *aurantiacus* Fieb. see *Agapelus*; *aurantiacus* For. see *Palus*; *alboniger* see *Pantallus*; *infirmus* see *Jassargus*.

Deltocoelidia **gen. n.** (nr. *Stenocoelidia*), *maldonadoi* **sp. n.** Venezuela p. 238 figs., KRAMER Proc. biol. Soc. Wash. **74.**

Diacra **gen. n.** (nr. *Eremophepsius*) p. 120, *majuscula* Kirghizia, *incana* p. 122, *convexa* (type) Kazakhstan, *rugosa, spuria* Uzbekistan, *canescens* Turkmenia, *costata* Tadzhikistan p. 121 **spp. n.** (key p. 122) figs., EMEL'YANOV Ent. Obozr. **40.**—*D. caesius* **sp. n.** Tadzhikistan p. 284 figs., DLABOLA Acta ent. Mus. nat. Pragae **34.**

Diplocolenus (*Verdanus*) *temperei*, (*Sabelanus* **subgen. n.** p. 404) *quadricornis* **spp. n.** France p. 402 figs., RIBAUT Bull. Soc. Hist. nat. Toulouse **94** 1959.—*D. abdominalis* **subsp. n.** *monticola* Italy p. 303 figs., LINNAVUORI Mem. Mus. Stor. nat. Verona 6 1957–1958 [1959].

Distantia aurea S.W. Africa p. 463, *selenocephaloides* p. 464, *planifrons* p. 465 Cape Province **spp. n.** figs., LINNAVUORI S. Afr. anim. life vol. VIII.

Dlabolaracus **gen. n.** for *Mocydiopsis klapperichi* Dlab. p. 138 figs., REMANE Abh. Akad. Wiss. Lit. (Math.-Nat.) **1961.**

Doratura novobiriuziacina **sp. n.** Dagestan p. 284 fig., DLABOLA Acta ent. Mus. nat. Pragae **34.**

Drakensbergena **gen. n.** (Drabescinae) p. 458, *fuscovittata* **sp. n.** Cape Province p. 459 figs., LINNAVUORI S. Afr. anim. life vol. VIII.

Elymana de Long, 1936, placed on Official List of Generic Names in Zoology, Opinion 603, Bull. zool. Nom. **18.**

Empoasca complex of genn. & spp. of Britain (key to genn. p. 233) pp. 233–239 figs., LE QUESNE Ent. mon. Mag. **96.**—*E. centralis* Berg, *salinarum* Berg, *photophila* Berg, *fulgidula* Berg from *Typhlocyba* p. 213; *ph.* (*fabae* compared p. 216) p. 214, *fulg.* (*punena* compared p. 219) p. 217 re-description figs., TORRES Actas Trab. I Congr. sudamer. zool. 1959 **3** 1960.

Endria nebulosa from *Lonatura* pp. 74–76, 90–95 figs., REMANE NachrBl. bayer. Ent. **10.**

Eremochlorita orientalis **sp. n.** Uzbekistan p. 305 figs., DLABOLA Acta ent. Mus. nat. Pragae **34.**

Eremophepsius parvulus **sp. n.** Uzbekistan p. 329 figs., DLABOLA t.c.

Erythroneura (*Arboridia*) *alpestris* **sp. n.** France p. 400 figs., RIBAUT Bull. Soc. Hist. nat. Toulouse **94** 1959.—*E. bibichanae* p. 296, *amseli* p. 297 **spp. n.** Uzbekistan figs., DLABOLA Acta ent. Mus. nat. Pragae **34.**—*E.* (*Flammigeroidia*) *rhamnicola* Horv. (= *inconstans* Rib.) pp. 145, 161 figs., VIDANO Mem. Soc. ent. ital. **40.**

Eupteryx Curtis, 1831, plea for addition to Official List of Generic Names in Zoology pp. 163–167, CHINA Bull. zool. Nom. **18.**

Euscelis eriocephala see *Bonaspeia.*

Exitanus fasciolatus Melich. from *Athysanus*; *kilimanus* Jac. from *Phrynomorphus* p. 478, LINNAVUORI S. Afr. anim. life vol. VIII.

Glossocratus durbanensis Dist. (= *Hecalus scutellatus* Dist., *H. alienus* Melich.) p. 462, LINNAVUORI t.c.

Gonignathus caspianus **sp. n.** Dagestan p. 330 figs., DLABOLA Acta ent. Mus. nat. Pragae **34.**

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Hecalus orientalis **sp. n.** Cambodia p. 236 figs., ISHIHARA Nat. & Life Southeast Asia **1.**—*H.* Stål (= *Parabolocratus* Fieb.); *paykulli* Stål (= *P. striipennis* Lindb.); *virescens* Dist. from *P.* p. 462, LINNAVUORI S. Afr. anim. life vol. VIII.—*H. scutellatus*, *alienus* see *Glossocratus.*

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Hypacostemma **gen. n.** (Euscelini), *viridissima* **sp. n.** Cape Province p. 465, LINNAVUORI t.c.

Idiocerinus see *Balocha*; *melichari*, *nacreatus* see *B.*

Idiocerus ohopohoensis **sp. n.** S.W. Africa p. 455 fig., LINNAVUORI S. Afr. anim. life vol. VIII.

Ikomella **gen. n.** p. 252, *confersa* **sp. n.** Thailand p. 253 figs., ISHIHARA Nat. & Life Southeast Asia **1.**

Jassargus infirmus Melich. from *Deltocephalus* p. 244 figs., ISHIHARA t.c.

Kazachstanicus **gen. n.** (rel. to *Jassargus*), *margaritae* **sp. n.** Kazakstan p. 312 figs., DLABOLA Acta ent. Mus. nat. Pragae **34.**

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Kybos key to British spp. pp. 234–237 figs., LE QUESNE Ent. mon. Mag. **96.**

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Macropsidius parvus **sp. n.** France p. 404 figs., RIBAUT Bull. Soc. Hist. nat. Toulouse **94** 1959.—*M. araxes* **sp. n.** Caucasus p. 288 figs., DLABOLA Acta ent. Mus. nat. Pragae **34.**

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Tettigonia flavescens Fabricius, 1794, placed on Official List of Specific Names in Zoology, Opinion 590, Bull. zool. Nom. **18.**

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Craspedorrhynchus keys to N. American spp. pp. 41–42; *subhaematopus* (on *Accipiter cooperii*) Maryland p. 39, *americanus* (on *Buteo jamaicensis*) Mississippi p. 40 **spp. n.** figs., EMERSON Proc. biol. Soc. Wash. **73** 1960.—*C. maruhashi* see *Cuculoecus*.

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sephaena spilogaster) p. 68 Somaliland, *bicalcaratus* (on *F. bicalcaratus*) p. 29, *moucheti* (on *F. clappertoni*) (with **subsp. n.** *ugandanus* Uganda (on *F. clap. gedgii*) p. 41) p. 37 Cameroons, *haydocki* (on *F. coqui lynesi*) N. Rhodesia p. 66, *theresae* (on *F. francolinus henrici*) Pakistan p. 70, *zumpti* (on *F. coq. coqui*) (with **subsp. n.** *lynesi* (on *F. coq. lynesi*) N. Rhodesia p. 83) Bechuanaland p. 75 **spp. n.**; *hungerfordi* **subspp. n.** *aethiopicus* (on *F. castaneicollis*) Abyssinia p. 57, *hopkinsi* (on *F. africanus almersis*) Kenya p. 61; dichotomic key to spp. p. 92 figs., TENDEIRO Estud. Ens. Docum. Jta Invest. Ultramar no. 44 1958.

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Goniodes moucheti (on *Francolinus nobilis*) p. 99, *lootensi* (on *Excalfactoria adansonii*) p. 107 **spp. n.**; *clayae* **subsp. n.** *kivuensis* (on *F. n.*) Congo p. 119 figs., TENDEIRO Estud. Ens. Docum. Jta Invest. Ultramar no. 65 1959.

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Heptapsus costaricensis (on *Nothocercus bonapartei frantzii*) Costa Rica p. 326, *julius* (on *N. julius*) p. 327, *immaculatus* (on *N. b. f.*) p. 329 Colombia, *undulatus* (on *Crypturellus u. undulatus*) Brazil p. 330 **spp. n.** figs., CARRIKER Rev. bras. Biol. **21.**

Heptarthrogaster laticephalus Carr., *costaricensis* Carr. true hosts *Odontophorus gujanensis simonsi* & *melanotis*; *odontophorae* **sp. n.** (on *O. g. marmoratus*) Colombia p. 383 figs., CARRIKER t.c.

Heterogoniodes heterurus ♂ p. 214 figs., CARRIKER t.c.

Hohorstiella tympanistriae **sp. n.** (on *Tympanistria tympanistria*) Angola p. 51 fig., TENDEIRO Estud. Ens. Docum. Jta Invest. Ultramar no. 65 1959.

Holomenopon goliath **sp. n.** (on *Anseranas semipalmata*) Queensland (Australia) p. 45 figs., CLAY Bull. Brit. Mus. (Nat. Hist.) Ent. **11.**

Kurodaia deignani **sp. n.** (on *Otus bakkamoena lettia*) (*painei* compared p. 120) Thailand p. 119 figs., ELBEL & EMERSON Proc. biol. Soc. Wash. **73** 1960.—*K. edwardsi* Saskatchewan p. 190, *keleri* Georgia p. 191 **spp. n.** (on *Bubo virginianus*) figs., EMERSON Proc. biol. Soc. Wash. **74.**

Laemobothrion semicirculus **sp. n.** (on *Falco c. columbarius*) Venezuela p. 39 figs., CARRIKER & DIAZ-UNGRIA Nov. cient. Mus. Hist. nat. La Salle (Zool.) no. 28.

Megapeostus asymmetricus **subsp. n.** *inexpectatus* (on *Crypturellus v. variegatus*) Colombia p. 209; *petersi* Carr. p. 211, *pl. platycephalus* Carr. (= *pl. soui* Carr. p. 210) from *Heptapsogaster*; *pl. inaequabilis* **n. n.** for *H. pl. asymmetricus* Carr. preocc. pp. 208, 210 figs., CARRIKER Rev. bras. Biol. **21.**

Menacanthus balfouri **subsp. n.** *waterstoni* (on *Ramphastos swainsoni*) p. 29, *caucae* (on *R. citreolaemus*) Colombia, *cuvieri* (on *R. c. cuvieri*) Peru p. 31, *prolongus* (on *R. sulphuratus brevicarinatus*) Costa Rica p. 33 figs., CARRIKER & DIAZ-UNGRIA Nov. cient. Mus. Hist. nat. La Salle (Zool.) no. 28.

Meromenopon concii **sp. n.** (*incisum*, *meropis* compared p. 292) (on *Mellitophagus b. bullocki*) Senegal p. 291 figs., TENDEIRO Mém. Inst. franç. Afr. noire no. 62.

Meropoecus emersoni **sp. n.** (*concii* compared p. 300) (on *Melittophagus b. bullocki*) Senegal p. 298 figs., TENDEIRO t.c.

Mulcticola wolffi **sp. n.** (on *Caprimulgus i. inornatus*) (*hypoleucus* compared p. 132) Sierra Leone p. 129 figs., TENDEIRO Atlantide Rep. no. 6.

Myrsidea victrix **subspp. n.** *waterstoni* (on *Ramphastos swainsoni*) Colombia, *ceciliae* (on *R. v. vitellinus*) Caracas p. 14, *brevicarinatus* (on *R. sulphuratus brevicarinatus*) Panama p. 16; *extranea* p. 6, *peruviana* p. 9, *victrix* p. 11 further description figs., CARRIKER & DIAZ-UNGRIA Nov. cient. Mus. Hist. nat. La Salle (Zool.) no. 28.

Naubates revision pp. 173–190; *damma* **sp. n.** (on *Pterodroma* (*Cookilaria*) *leucoptera*) Tasmania p. 186 figs., TIMMERMANN Zool. Anz. **166.**

Neophilopterus jabiraui **sp. n.** (on *Jabirau mycteria*) Venezuela p. 52 figs., CARRIKER & DIAZ-UNGRIA Nov. cient. Mus. Hist. nat. La Salle (Zool.) no. 28.

Odoriphila clayae **sp. n.** (on *Phoeniculus purpureus*) Transvaal p. 45 figs., TENDEIRO Estud. Ens. Docum. Jta Invest. Ultramar no. 65 1959.—*O. dekeyseri* **sp. n.** (on *Phoeniculus s. senegalensis*) (*phoeniculi* compared p. 294) Senegal p. 293 figs., TENDEIRO Mém. Inst. franç. Afr. noire no. 62.

Pectinopygus forcipatus **sp. n.** (on *Pelecanus rufescens*) Kenya, Sudan, N. Cameroons, Portug. Guinea p. 54 figs., CLAY Bull. Brit. Mus. (Nat. Hist.) Ent. **11.**

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Penenirmus spp. from N. American & other woodpeckers (key p. 34) pp. 34–43; *auritus evagans* ♀ p. 35; *villosus* **sp. n.** (on *Dendrocopus v. villosus*) Orient, N.Y. p. 41; *serrilimbus* **subspp. n.** *pileatus* (on *Dryocopus pileatus abieticola*), *asyndesmus* (on *Asyndemus lewis*) Oregon p. 40 figs., EMERSON & JOHNSON J. Kansas ent. Soc. **34.**

Perineus Harrison, 1936, and type *nigrolimbatus* Giebel, 1874, plea for addition to Official Lists pp. 195–198, CLAY & HOPKINS Bull. zool. Nom. **18.**

Philopterus brevimaculatus further description p. 247 fig., CONSTANTINEANU & PISICĂ Stud. Cercet. st. Biol. St. agric. Iasi **10** 1959.

Piagetiella see *Tetrophthalmus*.

Pseudophilopterus hirsutus **subsp. n.** *adspersus* (on *Crypturellus undulatus adspersus*) Amazon Valley p. 215 fig., CARRIKER Rev. bras. Biol. **21.**

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Rallicola centropus **sp. n.** (on *Centropus superciliosus burchellii*) Natal, Uganda p. 554 figs., TENDEIRO Garcia de Orta **8** 1960.—*R. villiersi* **sp. n.** (on *Limnocorax flavirostris*) (*insulanus, lugens* compared p. 303) Senegal p. 302 figs., TENDEIRO Mém. Inst. franç. Afr. noire no. 62. —*R. indicus* **sp. n.** (on *Metopidius indicus*) p. 130; *unguiculatus* Piag. true host *Centropus* sp. not *Eurylaimus* p. 132 figs., EMERSON Ent. News **72.**

Ramphasticola hirsuta **subspp. n.** *ambiguua* (on *Ramphastos a. ambiguus*) Colombia p. 19, *tucana* (on *R. t. tucanus*) p. 21; *aenigma* (on *R. t. tucanus*) p. 24 Venezuela, *mirabile* (on *R. c. cuvieri*) Bolivia p. 26 **spp. n.** figs., CARRIKER & DIAZ-UNGRIA Nov. cient. Mus. Hist. nat. La Salle (Zool.) no. 28.

Rhyncothura spp. revision pp. 331–338, 373–380; *sexpunctata* Piag. p. 332, *t. tesselata* Carr. p. 333, *tess. truncata* Carr., *tess. ornata* Carr., *tess. pentlandi* Carr. p. 334, *dilatata* Rud. p. 335, *subdilatata* Piag. p. 337, *testudo* Clay p. 374 from *Heptapsogaster*; *freilingi* Eichl. from *Tinamicola* p. 379; *boliviana* Carr. a good sp. not subsp. of *minuta* (*m.* figured p. 335) p. 336; *heterura* Carr. a subsp. of *test.* p. 375; *brevicapitis* (on *Nothoprocta p. pentlandi*) Bolivia p. 376, *subminuta* (on *N. pericardia*) Germany p. 378 **spp. n.**; *tess.* **subsp. n.** *ecuadorana* (on *N. c. curvirostris*) Ecuador p. 334 figs., CARRIKER Rev. bras. Biol. **21.**

Rhynonirmus key to spp. p. 52; *parsonsae* **sp. n.** (on *Philohela minor*) Massachusetts p. 50 figs., CLAY Bull. Brit. Mus. (Nat. Hist.) Ent. **11.**

Saemundssonia olrogi **sp. n.** (on *Sterna trudeaui*) Argentina p. 65 fig., TIMMERMANN Bonn. zool. Beitr. **12.**

Splendoroffula sachtlebeni **sp. n.** (on *Corythaeola cristata*) Fr. Cameroons p. 568 fig., VON KÉLER Beitr. Ent. **11.**

Strigiphilus acutifrons **sp. n.** (on *Bubo virginianus*) Quebec p. 189; *oculatus* Rud. identity discussed p. 187 figs., EMERSON Proc. biol. Soc. Wash. **74.**

Strongylocotes angulocapitis, a. cordiceps measurements corrected p. 56, CARRIKER & DIAZ-UNGRIA Nov. cient. Mus. Hist. nat. La Salle (Zool.) no. 28.

Tetrophthalmus Grosse valid name, not *Piagetiella* Neuman pp. 257, 262, CONSTANTINEANU, ANDREIESCU & PISICĂ Stud. Cercet. st. Biol. St. agric. Iasi **9** 1958.

Tinamicola freilingi see *Rhyncothura.*

Trichodopeostus grandior (on *Nothocercus bonapartei frantzii*) Costa Rica, *crassus* (on *N. b. intercedens*) Colombia **spp. n.** p. 206 figs., CARRIKER Rev. bras. Biol. **21.**

Trinoton alopochen **sp. n.** (on *Alopochen aegyptiacus*) Africa p. 73 figs., TENDEIRO Estud. Ens. Docum. Jta Invest. Ultramar no. 65 1959.

Trogoniella **gen. n.** (nr. *Trogoninirmus*) p. 133, *apaloderma* (type) (on *Apaloderma n. narina*) Cape Province p. 145, *aequatoriale* (on *A. aequatoriale*) Congo p. 151 **spp. n.** figs., TENDEIRO t.c.

PSOCOPTERA.

Amphigerontia bifasciata, contaminata **eggs,** nymphs pp. 163, 164 figs., BROADHEAD & WAPSHERE Ent. mon. Mag. **96.**

Caecilius canei p. 294, *descolei* p. 296, *rodriguezi* p. 298 **spp. n.** Argentina figs., WILLINER Acta zool. Lilloana **2** 1944.

Elipsocus westwoodi, hyalinus, mclachlani **eggs** p. 162, BROADHEAD & WAPSHERE Ent. mon. Mag. **96.**

Graphopsocus cruciatus nymph p. 164 figs., BROADHEAD & WAPSHERE t.c.

Philotarsus picicornis nymph p. 164 figs., BROADHEAD & WAPSHERE t.c.

Pseudocaecilius elutus End. (compared with var. *africanus*) status discussed p. 141; *maculifrons* p. 142, *anomalus* p. 146, *hirsutus* p. 148 **spp. n.** Hong Kong I. figs., THORNTON Proc. R. ent. Soc. Lond. (B) **30.**

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Trichadenotectum End. systematic position discussed p. 1; *medium* p. 4, *bidens* p. 6, *apertum* p. 7, *arciforme* p. 11, *nudum* p. 14, *pardidum* (*pardus* compared) p. 16, *felix* p. 18 **spp. n.** (key p. 20) Hong Kong I. figs., THORNTON Trans. R. ent. Soc. Lond. **113.**

ISOPTERA.

Classification of termites (key to famm. p. 65), HARRIS Termites . . . pp. 42–70, figs.

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Pycnoscelus surinamensis L. systematic position discussed, bisexual & parthenogenetic ff. possibly distinct spp. p. 12 figs., ROTH & WILLIS Ann. ent. Soc. Amer. **54.**

Sphecophila cornelie p. 244, *catherine* p. 246 **spp. n.** Ceylon figs., FERNANDO Ceylon J. Sci. (Biol. Sci.) **2** 1959.

MANTIDAE.

Dictyoptera Mantodea (key to African famm. p. 92) from Niokolo-Koba National Park, Fr. W. Africa, ROY Mém. Inst. franç. Afr. noire no. 62: 91–103, 2 pls., 8 figs.

Danuriella marojejyensis **sp. n.** Madagascar p. 162 fig., PAULIAN Bull. Soc. ent. Fr. **66.**

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GRYLLOBLATTIDAE.

Galloisiana yezoensis **sp. n.** Japan p. 85 figs., ASAHINA Kontyû **29.**—*G. chujoi* **sp. n.** Japan p. 73 figs., GURNEY Proc. biol. Soc. Wash. **74.**

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Acheta argentea see *Lenigryllus*; *zolotarewskyi*, *confirmata*, *brincki*, *meyeri*, *buehleri* see *Modicogryllus*; *braueri* see *Platygryllus*.

Gryllioderes brunneri Rigg. systematic position discussed p. 24, re-description p. 28 figs., GOIDANICH Frust. ent. **2** 1959 no. 3.

Gryllus parallelus Zett., 1821, *montanus* Charpentier, 8125, placed on Official List of Specific Names in Zoology, Opinion 609, Bull. zool. Nom. **18.**—*G.* division based on copulatory armature pp. 267–282 figs., CHOPARD Eos **37.**—*G. meruensis*, *jallae*, *quadrimaculatus* see *Lenigryllus*; *desertus*, *infernalis*, *maurus*, *carmichaeli* see *Melanogryllus*; *conspersus* & other spp. see *Modicogryllus*; *chabanaudi*, *rufulus* see *Oligacheta*; *lineaticeps*, *ignobilis*, *brunneri*, *melanocephalus*, *ornaticeps*, *pulchriceps*, *arambourgi*, *guttiventris*, *soror*, *plebejus*, *atratulus*, *spurcatus*, *aequipennis* see *Platygryllus*; *posticus*, *leucostomus*, *angolensis*, *leucostomoides*, *burri*, *werneriana*, *wittei*, *nigripennis*, *adustus*, *mitratus*, *yezoemma*, *testaceus*, *longipennis*, *bicoloripes*, *triangulifer*, *gravelyi*, *gracilipes*, *himalayanus*, *commodus*, *oceanicus* see *Teleogryllus*.

Lenigryllus **gen. n.** for *Gryllus meruensis* Sjöst. (type), *jallae* G.-T., *quadrimaculatus* Sauss., *Acheta argentea* Chop. p. 270 figs., CHOPARD Eos **37.**

Melanogryllus **gen. n.** for *Gryllus desertus* Pall. (type), *infernalis* Sauss., *maurus* Afz. & Brann., *carmichaeli* Chop. p. 276 figs., CHOPARD t.c.

Modicogryllus **gen. n.** for *Gryllus conspersus* Schaum (type) & other spp., *Acheta zolotarewskyi* Chop., *confirmata* Wlk., *brincki* Chop., *meyeri* Chop., *buehleri* Chop., *Scapsipedus uncinatus* Chop., *simillimus* Chop. p. 272; *lepesmei* p. 279, *nigrodorsatus* p. 281 Ivory Coast, *siamensis* Thailand p. 280 **spp. n.** figs., CHOPARD t.c.

Oligacheta **gen. n.** for *Gryllus chabanaudi* Chop. (type), *rufulus* Chop. p. 275 figs., CHOPARD t.c.

Platygryllus **gen. n.** for *Gryllus lineaticeps* Wlk. (type), *ignobilis* Wlk., *brunneri* Sauss., *melanocephalus* Serv., *ornaticeps* Sauss., *pulchriceps* Gerst., *arambourgi* Chop., *guttiventris* Wlk., *soror* Chop., *plebejus* Sauss., *atratulus* Wlk., *spurcatus* Wlk., *aequipennis* Sauss., *Acheta braueri* Karny p. 276 figs., CHOPARD t.c.

Scapsipedus marginatus ♂ p. 316, ♀ & nymphs p. 318 re-description (*Gryllus assimilis* compared) figs., JOBIN & BIGELOW Canad. Ent. **93.**—*S. uncinatus*, *simillimus* see *Modicogryllus*.

Tartarogryllus nigericus **sp. n.** Nigeria p. 278 figs., CHOPARD Eos **37.**

Teleogryllus **gen. n.** for *Gryllus posticus* Wlk. (type), *leucostomus* Serv., *angolensis* Chop., *leucostomoides* Chop., *burri* Chop., *werneriana* Karny, *wittei* Chop., *nigripennis* Chop., *adustus* Karsch, *mitratus* Burm., *yezoemma* Ohm. & Matsum., *testaceus* Wlk., *longipennis* Sauss., *bicoloripes* Chop., *triangulifer* Chop., *gravelyi* Chop., *gracilipes* Sauss., *himalayanus* Chop., *commodus* Wlk., *oceanicus* Le Guil. p. 277; *griaulei* **sp. n.** Senegal p. 281 figs., CHOPARD t.c.

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Some observations on New Zealand Rhaphidophoridae (key to genn. p. 82), RICHARDS Tuatara **9**: 80–83, 1 fig.

Deinacrida White (= *Deinacridopsis* And.) p. 86; *connectens* And. (= *sonitospina* Salm.) from *Deinacridopsis* p. 87 fig., RAMSAY Proc. R. ent. Soc. Lond. (B) **30.**

Deinacridopsis see *Deinacrida*; *connectens* see *D.*

Gymnoplectron Hutt. re-established for spp. placed in *Pachyrhamma* Bran. (sunk in syn.); key to spp. p. 312; *edwardsii* Scudd. (= *P. fascifer*) from *Hadenoecus*; *longipes* Col. (type) from *Hemideina* pp. 323–325; *spinosa* p. 312, *tuarti* p. 315, *ngongotahaensis* p. 318 **spp. n.** New Zealand figs., RICHARDS Trans. roy. Soc. N.Z. (Zool.) **1.**

Hadenoecus edwardsii see *Gymnoplectron*.

Hemiandrus lanceolatus Wlk. systematic position discussed p. 85, RAMSAY Proc. R. ent. Soc. Lond. (B) **30.**

Hemideina longipes see *Gymnoplectron.*

Pachyrhamma see *Gymnoplectron*; *fascifer* see *G. edwardsii.*

Pleioplectron cavernae see *Turbottoplectron.*

Trogophilus andreinii **subsp. n.** *hydrantinus* Italy p. 88 figs., LA GRECA Boll. Soc. ent. ital. **91.**

Turbottoplectron cavernae Hutt. (from *Pleioplectron* p. 113) re-description p. 116 figs., RICHARDS Trans. roy. Soc. N.Z. (Zool.) **1.**

TETTIGONIIDAE.

Tettigoniidae Krauss, 1902, plea for addition to Official List of Family-Group Names in Zoology, CHINA Bull. zool. Nom. **18:** 163–167.

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Anadrymadusa **gen. n.** for *Drymadusa spinicercis* Kar. (type), *brevipennis* Br.-W., *curvicercis* Uv., *recticauda* Wern., *retowskii* Ad., *adzharica* Uv., *ornatipennis* Ramme, *albomaculata* Karab. (key p. 30) p. 29 figs., KARABAG Bull. Brit. Mus. (Nat. Hist.) Ent. **11.**

Anterastes serbicus **subsp. n.** *petkovskii* Macedonia p. 44, KARAMAN Fragm. balcan. **4.**

Biroa curvicauda **sp. n.** New Britain p. 101 fig., WILLEMSE Pacif. Ins. **3.**

Bliastes salomonoides ♀ re-description, ♂ p. 1 figs., WILLEMSE Tijdschr. Ent. **104.**

Bradyporus (*B.*) *dasypus* **f. n.** *bilineatus* p. 111; *macrogaster* **subsp. n.** *skopjensis* p. 115 Macedonia; *m. macrogaster* Lef. (= *oniscus longicollis* Fieb.) p. 114 figs., KARAMAN Mitt. münch. ent. Ges. **51.**

Callicrania serrata of Portugal (titillator figured) p. 209 figs., DE A. FERNANDES Rev. portug. Zool. Biol. ger. **2** 1960.

Cladonotella Hanc. re-description p. 14; *insulana* **sp. n.** Waigeo I. p. 15 figs., WILLEMSE Tijdschr. Ent. **104.**

Drymadusa & allied genn. revision (key p. 5) pp. 1–41; *dorsalis, l. limbata* distinguishing characters p. 7; *l.* **subsp. n.** *grandis* S. Turkey p. 11 figs., KARABAG Bull. Brit. Mus. (Nat. Hist.) Ent. **11.**—*D. inornata* see *Exodrymadusa*; *angorensis, magnifica, konowi, kurmana, sinuata, grisea, diffusa, striolata, affinis* see *Pezodrymadusa*; *spinicercis, brevipennis, curvicercis, recticauda, retowskii, adzharica, ornatipennis, albomaculata* see *Anadrymadusa.*

Ducetia Stål (= *Paura* Karsch, *Pseudisotima* Schlth., *Kuwayamaea* Mats. & Shir., *Telaea* Bol. p. 173) revision (key to spp. p. 174–182) pp. 171–206; *furcata* Formosa p. 186, *spatula* Indo-China p. 191, *crosskeyi* Nigeria p. 192, *macrocerca* p. 195, *costata* p. 196 Congo, *chelocerca* S. Africa p. 197, *ramulosa* N. Rhodesia p. 198, *sagitta* Angola p. 199, *vitriala* p. 204, *parva* p. 205 Br. Somaliland **spp. n.**; *japonica* Thnb. (= *adspersa* Brnn.) p. 182; *punctipennis* Gerst. (= *Paura reticulosa* Karsch, *T. quadripunctata* Bol.) p. 202; *javanica* Brnn. p. 188, *biramosa* Karsch p. 200 from *Isotima*; *chinensis* Brnn. (= *K. sapporensis* Mats. & Shir.) from *K.* p. 190; *punctata* Schlth. from *Ps.* p. 203 figs., RAGGE Bull. Brit. Mus. (Nat. Hist.) Ent. **10.**

Eumetrioptera mistshenkoi **sp. n.** Kazakhstan p. 870 figs., BEKUZIN Ent. Obozr. **40.**

Eupholidoptera tathalica titillator figured p. 114, KARABAG Bull. Res. Counc. Israel (B) **10.**

Exodrymadusa **gen. n.** for *Drymadusa inornata* Uv. p. 11 figs., KARABAG Bull. Brit. Mus. (Nat. Hist.) Ent. **11.**

Gressittiella **gen. n.** (*Phricta*-group, key) p. 95, *castaneopicta* **sp. n.** New Guinea p. 96 figs., WILLEMSE Pacif. Ins. **3.**

Hexacentrus borneensis **sp. n.** Borneo p. 10 figs., WILLEMSE Tijdschr. Ent. **104.**

Homorocoryphus curvipennis **sp. n.** E. Africa p. 364 figs., KEVAN in KEVAN & KNIPPER Beitr. Ent. **11.**

Isophya speciosa Friv. (= *tenuicerca* Ramme (gregarious phase of *s.*) p. 39) phase characters p. 40 figs., KARAMAN Fragm. balcan. **4.**

Isotima see *Noia*; *javanica, biramosa* see *Ducetia.*

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Metrioptera caprai **subsp. n.** *baccettii* Italy p. 195 figs., GALVAGNI Mem. Mus. Stor. nat. Verona **6** 1957–1958 [1959].

Mossula key to spp. p. 116; *variopicta* **sp. n.** Solomon Is. p. 113 figs., WILLEMSE Pacif. Ins. **3.**

Noia Wlk. (= *Isotima* Brnn., *Isotimula* Uv.) p. 206; *testacea* Wlk. (= *Isotima rufomarginata* Brnn.) p. 207 fig., RAGGE Bull. Brit. Mus. (Nat. Hist.) Ent. **10.**

Ocica salomonis last abdominal segment of ♂ (correction) p. 112 figs., WILLEMSE Pacif. Ins. **3.**

Oxyprorella gregoirea **sp. n.** Panama Canal Zone p. 3 figs., WILLEMSE Tijdschr. Ent. **104.**

Palaioscaria key to spp. p. 16; *calosoma* **subsp. n.** *intermedia* New Guinea p. 15 figs., WILLEMSE t.c.

Paradoriaella **gen. n.** (nr. *Doriaella*) p. 11, *tuberculata* **sp. n.** New Guinea p. 13 figs., WILLEMSE t.c.

Paramacroxiphus **gen. n.** (Agraecinae) p. 32, *aberrans* **sp. n.** Papua p. 34 figs., WILLEMSE Publ. natuurh. Genoot. Limburg **12.**

Parapholidoptera bodenheimeri p. 107, *intermixta* p. 111 **spp. n.**; *castaneoviridis* **subsp. n.** *flexuosa* Turkey; *distincta* figured p. 109 figs., KARABAG Bull. Res. Counc. Israel (B) **10.**

Paura see *Ducetia*; *reticulosa* see *D. punctipennis.*

Pezodrymadusa **gen. n.** for *Drymadusa angorensis* Uv. (type), *magnifica* Wern., *konowi* Bol., *kurmana* Ramme, *sinuata* Ramme, *grisea* Ramme, *diffusa* Ramme, *striolata* Ramme, *affinis* Bol. p. 13; *subinermis* p. 21, *indivisa* p. 23, *lata* p. 24, *uvarovi* p. 25 **spp. n.** E. Turkey; key pp. 13–20 figs., KARABAG Bull. Brit. Mus. (Nat. Hist.) Ent. **11.**

Philippicentrus **gen. n.** (similar to *Hexacentrus*) p. 28, *primitivus* **sp. n.** Philippines p. 29 figs., WILLEMSE Publ. natuurh. Genoot. Limburg **12.**

Pholidoptera guichardi **sp. n.** Turkey p. 113 figs., KARABAG Bull. Res. Counc. Israel (B) **10.**—*P. littoralis* **subsp. n.** *insubrica* (*l. l.*, *l. similis* compared p. 281) Switzerland p. 275 figs., NADIG Mitt. schweiz. ent. Ges. **34.**—*P. dalmatica maritima* Zeun. status confirmed p. 43, KARAMAN Fragm. balcan. **4.**

Phrictaeformia **gen. n.** (*Phricta*-group) p. 102, *insulana* **sp. n.** New Britain p. 104 figs., WILLEMSE Pacif. Ins. **3.**

Phrictaetypus viridis ♂ genitalia re-description; *aberrans* **sp. n.** Solomon Is. p. 100 fig., WILLEMSE t.c.

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Pseudisotima see *Ducetia*; *punctata* see *D.*

Pseudomacroxiphus **gen. n.** (Agraecinae) p. 29, *atrifrons* **sp. n.** Papua p. 32 figs., WILLEMSE Publ. natuurh. Genoot. Limburg **12.**

Pseudophryctaetypus **gen. n.** (*Phricta*-group) p. 104, *uniformis* **sp. n.** New Guinea p. 106 fig., WILLEMSE Pacif. Ins. **3.**

Roeseliana azami **subsp. n.** *minor* Italian Alps p. 286 figs., NADIG Mitt. schweiz. ent. Ges. **34.**

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Telaea see *Ducetia*; *quadripunctata* see *D. punctipennis.*

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Tetrigidae from Madagascar (zoogeogr. & phylogenetic relationships, key pp. 4–12), GÜNTHER 1958 Abh. Mus. Tierk. Dresden (Ent.) **24:** 3–56, 54 figs.

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Miramella serbica **sp. n.** Serbia p. 23 figs., ČEJCHAN Acta faun. ent. Mus. nat. Pragae **7.**

Silanotettix **gen. n.** (nr. *Rehnitettix*) p. 14, *strumiger* (type) p. 15, *notangulus* p. 16 **spp. n.** Madagascar figs., GÜNTHER Abh. Mus. Tierk. Dresden (Ent.) **24** 1958.

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Acrida exaltata Wlk. (= *lugubris astigmata* Prasad) p. 398, DIRSH Eos **37.**

Acrotylus knipperi p. 391, *trifasciatus* (with **ab. n.** *roseus* p. 395) p. 393 **spp. n.** E. Africa figs., KEVAN in KEVAN & KNIPPER Beitr. Ent. **11.**—*A. bicornis* see *Pternoscirtus calcaratus.*

Afrosphena see *Stenoscepa*; *fusiformis*, *gracilis*, *rhodesiensis* see *S.*

Amesotropis basilewskyi **sp. n.** Congo p. 246 fig., DIRSH Rev. Zool. Bot. afr. **63.**

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Arnilia coccineipes see *Belosacris.*

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Belosacris **gen. n.** (Leptysmini) p. 111, *aurantipes* **sp. n.** (type) Mexico p. 113; *coccineipes* Brun. from *Arnilia*; *intermedia* Brun. from *Opsomala* p. 111 (note) figs., REHN & EADES Proc. Acad. nat. Sci. Philad. **113.**

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Conophyma Zub. (= *Thaumatophyma* Ram.); *cercatum* Ram., *corallipes* Ram. from *T.* pp. 351, 357; key to spp. (♂ cerci) pp. 353, 357 figs., MISHCHENKO Ent. Obozr. **40.**—*C. narzikulovi* **sp. n.** Centr. Asia p. 14 figs., ČEJCHAN Acta ent. Mus. nat. Pragae **34.**

Cylindrotettix Bruner a good gen. not syn. of *Leptysma* p. 82 (note); *insularis* Br. (type), *grossa* Br., *perlonga* Heb., *uniformis* Br. from *Leptysma*; *obscurus* Thnb. from *Truxalis*; *dorsalis* Burm. from *Mesops*; *filformis* Serv. from *Opsomala* p. 85, REHN & EADES Proc. Acad. nat. Sci. Philad. **113.**

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Humbe Bol. review (*tenuicornis* Schaum only valid sp.) pp. 314–317 figs., DIRSH Ann. Mag. nat. Hist. (13) **4.**—*H. hyalodes, miniatipennis* see *Pycnodictya galinieri.*

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Thysanura of Senckenberg Museum, PACLT Senckenb. biol. **42:** 75–84, 22 figs.

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Campodea spp. of Senckenb. Mus. pp. 455–457, PACLT Senckenb. biol. **42.**—*C.* (*C.*) *vihorlatensis* **sp. n.** Czechoslovakia p. 451 figs., PACLT t.c.

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Ctenolepisma campbelli distinguishing characters in internal anatomy (*Lepisma saccharinum* compared) pp. 178–195 figs., BARNHART Ann. ent. Soc. Amer. **54.**

Ecnomatelura **gen. n.** (allied to *Dinatelura*) p. 104, *coatoni* **sp. n.** S. Africa p. 105 figs., WYGODZINSKY J. ent. Soc. S. Afr. **24.**

Eojapyx **gen. n.** (nr. *Nanojapyx*), *pedis* **sp. n.** Missouri p. 262 figs., SMITH Proc. biol. Soc. Wash. **73** 1960.

Heterolepisma Eschr. (= *Notolepisma* Till.) p. 213, *zealandica* Till. from *N.* p. 214, WYGODZINSKY Pan-Pacif. Ent. **37.**

Lepidocampa (*L.*) *juradoi* **subsp. n.** *seclusa* Galapagos Is. p. 172 figs., CONDÉ Bull. Mus. Hist. nat. (2) **32** 1960.

Lepisma saccharinum distinguishing characters in internal anatomy (*Ctenolepisma campbelli* compared) pp. 178–195 figs., BARNHART Ann. ent. Soc. Amer. **54.**—*L. jagerskioldi* further description p. 77 fig., PACLT Senckenb. biol. **42.**—*L. dubia* see *Allacrotelsa*.

Machiloides delanyi **sp. n.** S. Africa p. 219 figs., WYGODZINSKY Ent. mon. Mag. **96** (1960) [1961].

Notolepisma see *Heterolepisma*; *zealandica* see *H.*

Stachisma see *Allacrotelsa*; *mexicana* see *A. spinulata*.

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Protura of Ruwenzori Exped. 1952, CONDÉ Ruwenz. Exp. **2** no. 11: 69–79, 4 figs.

Soil Protura from Czechoslovakia (records), NOSEK Zool. Listy **10:** 359–384, 19 pls.

New data about Protura described by Ionescu (synn., further description), TUXEN Beitr. Ent. **11:** 281–329, 73 figs.

Abdominal articulated appendages in Protura (comparative study), TUXEN 1960 Vidensk. Medd. Dansk. naturh. Foren **123:** 29–32.

Acerella tiarneus Berl., *muscorum* Ion., *remyi* Condé, *filisensillatus* Gis. from *Acerentulus* p. 292 figs., TUXEN Beitr. Ent. **11.**

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Silvestridia see *Bolivaridia*; *artiochaeta* see *B. perissochaeta.*

FOSSILS.

Some new insects from Austrian Tertiary, BACHMAYER S.B. öst. Akad. Wiss. (Math.-nat.) I **170:** 159–164, 4 pls., 2 figs.

A late Pleistocene fauna & flora from Upton Warren, Worcestershire (list of spp. pp. 388–393, distribution lists of Coleoptera according to climate p. 410, notes on some listed spp. pp. 395–396), COOPE, SHOTTON & STRACHAN Phil. Trans. roy. Soc. Lond. (B) **244:** 379–421, 18 figs. [Ins. pp. 388–406, 409–415.]

Fossil insects of Czechoslovakia (Carboniferous, Permian), KUKALOVA Verh. XI. int. Kongr. Ent. Wien 1960 **1:** 292–294.

The growing importance of palaeoentomology, PIERCE Proc. ent. Soc. Wash. **63:** 211–217.

Palaeoentomology in UdSSR, ROHDENDORF Verh. XI. int. Kongr. Ent. Wien 1960 **1:** 313–318.

On the system of Orthopterous insects, SHAROV Verh. XI. int. Kongr. Ent. Wien 1960 **1:** 295–296, 2 figs.

Coleoptera.

Key to fossil & extant genn. of Cerapterina, LUNA DE CARVALHO Rev. Zool. Bot. Afr. **64:** 210–211.

Checklist of N. American fossil species of Cerambycidae, LINSLEY Univ. Calif. Publ. Ent. **18:** 55.

Agabus lithax **sp. n.** Tertiary, Bohemia, Czechoslovakia p. 308 figs., ŘÍHA Verh. XI. int. Kongr. Ent. Wien 1960 **1.** [*See also* Acta ent. Mus. nat. Pragae **34:** 51.]

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Pseudosilphites (s. l.) *natalensis* **sp. n.** Middle Triassic Molteno Beds, Natal p. 305 fig., ZEUNER t.c.

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Insect remains from congeries layer (Pannon) from Brunn-Vösendorf, Austria [Tertiary], BACHMAYER 1960 S.B. öst. Akad. Wiss. (Math.-nat.) I **169:** 11–16, 2 pls. 8 figs.

Aphaenogaster pannonicus **sp. n.** [Tertiary], Austria p. 12 figs., BACHMAYER S.B. öst. Akad. Wiss. (Math.-nat.) I **169** 1960.

Camponotus ullrichi **sp. n.** [Tertiary], Austria p. 13 figs., BACHMAYER t.c.

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Notes on evolution of Rhopalocera (possibly arisen from Grypocera or Hesperiidae), ZEUNER Verh. XI. int. Kongr. Ent. Wien 1960 **1:** 308–309, pl. 6.

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Archescytinidae possibly ancestors of Aphids, BECKER-MIGDISSOVA Verh. XI. int. Kongr. Ent. Wien 1960 **1:** 298–301, 2 figs.

Some Upper Triassic Hemiptera from Queensland, EVANS Mem. Qd Mus. **14:** 13–23, 5 figs.

Cixius petrinus **sp. n.** Weald Clay, England p. 161 fig., FENNAH Ann. Mag. nat. (13) **4.**

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Heteronella **gen. n.**, *marksei* **sp. n.** Upper Triassic, Queensland p. 22 figs., EVANS t.c.

Mesocicadella punctata **sp. n.** Upper Triassic, Queensland p. 14 fig., EVANS t.c.

Prosbolopsites tillyardi see *Eoscarterella media.*

Triassocotis stricta, amplicata **spp. n.** Upper Triassic, Queensland p. 16 figs., EVANS Mem. Qd Mus. **14.**

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The origin of the order Plecoptera, SHAROV Verh. XI. int. Kongr. Ent. Wien 1960 **1:** 296–298, 2 figs.

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Ephemeropsis Eichw. taxonomic position & geological age (Upper Jurassic not Lower Cretaceous) of spp. pp. 858–869; *trisetalis* Eichw. (= *orientalis* Eichw., *middendorfi* Hndlr., *melanurus* Ckll., *Phacelobranchus braueri* Hndlr.) p. 862; *martynovae* **sp. n.** Upper Jurassic, Transbaikal pp. 864, 869, figs., CHERNOVA Ent. Obozr. **40.**

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Triassothemis **gen. n.** (related to Archizygoptera); *mendozensis* **sp. n.** Triassic, Argentina p. 71 figs., CARPENTER Psyche **67.**

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Raphidioptera from Permian & Carboniferous, MARTYNOVA Verh. XI. int. Kongr. Ent. Wien 1960 **1:** 302–304.

ERRATA

Vol. lxxxviii, 1951, p. 249, col. 2, line 10, for "*foveda*" read "*foveola*"
Vol. xci, 1954, p. 92, No. **1708**, for "Vorgangstemperatur" read "Vorzugstemperatur"
Vol. xciii, 1956, p. 178, No. **3436**, for "Zimmerman" read "Zimmermann"
Vol. xcvi, 1959, p. 37, col. 2, transfer "**de Camargo** *see* Camargo", "**de Carvalho** *see* Luna de Carvalho" after "No. **870.—De Bach, P.** . . ."
" " " p. 245, col. 2, line 39, insert "**spp.n.**" after "Tian-Shan Mts."
" " " p. 255, col. 1, line 11 from end, for "*Tetraproctis*" read "*Tetraproctus*"
" " " p. 259, col. 1, line 11 from end, for "*Trophiphorus*" read "*Tropiphorus*"; col. 2, line 2 from end, for "p. 356" read "p. 536"
" " " p. 262, col. 2, line 20 from end, for "*subcribosus*" read "*subcribrosus*"
" " " p. 265, col. 1, lines 21–22, transfer entry "*Cordoxylamia* . . ." to LAMIIDAE; col. 2, line 43, for "*neobrittanicus*" read "*spinipennis*"
" " " p. 266, col. 2, lines 15–16, transfer entry "*Pareutetrapha* . . ." to LAMIIDAE
" " " p. 270, col. 2, line 16, for "*borchmanni*" read "*buqueti*"
" " " p. 271, col. 1, line 27, for "*Meoxylamia*" read "*Metoxylamia*"
" " " p. 378, col. 2, line 2 from end, for "Bonn's" read "Bronn's"
Vol. xcvii, 1960, p. 37, col. 1, No. **888**, p. 199, col. 2, lines 4–5 from end & p. 276, col. 2, line 35, for "Parnassinae" read "Parnassiinae"
" " " p. 68, No. **1923**, for "**Lesigneur**" read "**Leseigneur**"
" " " p. 102, No. **3074**, for "**Schutz**" read "**Schütze**"
" " " p. 171, col. 1, lines 1–2 from end, delete "& *Anergates* . . . *caespitum*"
" " " p. 200, col. 2, line 2 from end, delete "**Coleoptera.—**"
" " " p. 203, col. 1, lines 27–28, transfer entry "DÍAZ NÁJERA . . . **785**" to "**NORTH AMERICA**"; lines 36–37, delete entry "FOOTE . . . **1013**"
" " " p. 278, col. 1, lines 36–37, for "*comma* Schiff. (=*inquieta* Pglr., *poliorhiza* Hps.)" read "*curva* Stgr. (=*inquieta* Pglr.); *subdetersa* Stgr. (=*poliorhiza* Hps.)"
" " " p. 287, col. 2, line 24, delete "(Gelech.)", transfer entry to GELECHIIDAE
" " " p. 289, col. 2, line 28, for "*Teleia* Hb. preocc. (Tortr.)" read "*Teleia* Hein. nec Hb."
" " " Proc. roy. Soc., London (B) **153** No. 952 was published in 1961. This affects the following entries: p. 71, No. **1993** & p. 141, col. 1, lines 22–27, p. 151, col. 1, lines 2–3 from end, p. 155, col. 2, lines 16–18
Vol. xcviii, 1961 (the current Vol.)
" " " p. 47, for "**1210.—Gillomee**" read "**1208a.—Giliomee**"
" " " p. 136, col. 2, lines 40–41 & p. 137, col. 1, lines 45–46, for "GILLOMEE . . . **1210**" read "GILIOMEE . . . **1208a**"
" " " Bull. Soc. ent. France **66** nos. 7–8 1961 was published in 1962. This affects the following entries: p. 22, No. **415** & p. 200, col. 2, lines 16–20 from end; p. 94, No. **2721** & p. 240, col. 1, lines 31–32 & col. 2, lines 14–16; p. 97, No. **2822** & p. 254, col. 1, lines 6–7 & col. 2, lines 3–5; p. 101, No. **2956** & p. 209, col. 1, lines 23–24, p. 250, col. 2, lines 9–13; p. 123, No. **3659** & p. 213, col. 1, lines 23–24 from end, p. 361, col. 2, lines 10–13 from end; p. 125, No. **3700** & p. 356, col. 2, lines 21–22
" " " Rev. Ent. Moçambique **4** 1961 no. 1 was published in 1962. This affects the following entries: p. 35, No. **826** & p. 213, col. 1, lines 29–30, p. 333, col. 2, lines 21–22, p. 334, col. 1, lines 8–10 from end, col. 2, lines 11–12 & lines 19–20 (from end), p. 335, col. 1, lines 9–11 & 19–22; p. 42, No. **1057** & p. 210, col. 2, lines 4–5, p. 246, lines 33–35; p. 89, No. **2567** & p. 212, col. 1, line 15, p. 363, col. 1, lines 23–29; p. 129, No. **3822** & p. 212, col. 1, lines 30–31

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